

JVC

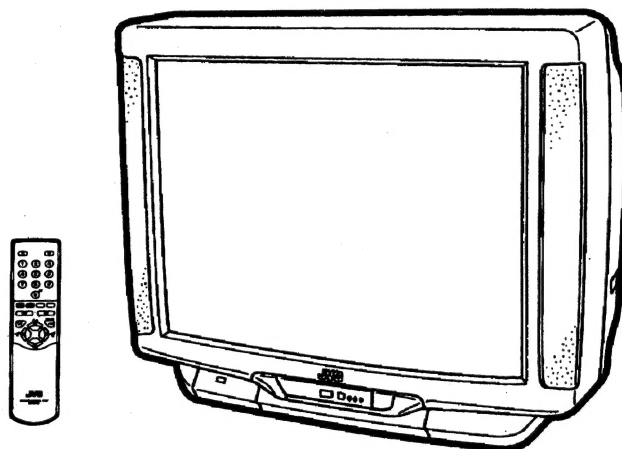
SERVICE MANUAL

COLOUR TELEVISION

BASIC CHASSIS

JE

AV-29TS2EN AV-29TS2EK AV-29TS2PF



CONTENTS

■ OPERATING INSTRUCTIONS	1-1
■ SPECIFICATIONS	2-2
■ SAFETY PRECAUTIONS	2-4
■ SPECIFIC SERVICE INSTRUCTIONS	2-8
■ SERVICE ADJUSTMENTS	2-13
■ STANDARD CIRCUIT DIAGRAM	3-1
■ PARTS LIST	4-1

CONTENTS

■ SPECIFICATIONS	2-2
■ SAFETY PRECAUTIONS (AV-29TS2EN / AV-29TS2PF)	2-4
■ SAFETY PRECAUTIONS (AV-29TS2EK)	2-5
■ WARNING	2-5
■ FEATURES	2-6
■ MAIN DIFFERENCE PARTS LIST	2-7
■ SPECIFIC SERVICE INSTRUCTIONS	2-8
■ SERVICE ADJUSTMENTS	2-13

AV-29TS2PF

SPECIFICATIONS

Item	Content		
	AV-29TS2EN	AV-29TS2EK	AV-29TS2PF
Dimensions (W × H × D)	73.3 × 58.3 × 48.7cm		
Mass	37.8kg		
TV RF System	CCIR(B/G)	CCIR(I)	CCIR(B/G, L, I)
Colour System	PAL/SECAM /NTSC(Only in EXT mode)	PAL /NTSC(Only in EXT mode)	PAL/SECAM /NTSC(Only in EXT mode)
Stereo System	A2/NICAM	NICAM	A2/NICAM
Teletext System	Fastext(United Kingdom system), TOP(German system) WST(Standard system)	Fastext(United Kingdom system), WST(Standard system)	Fastext(United Kingdom system), TOP(German system) WST(Standard system)
Receiving Freq.			
VHF(L)	47MHz~88MHz	470MHz~862MHz	47MHz~88MHz
VHF(H)	174MHz~230MHz		174MHz~230MHz
UHF	470MHz~862MHz		470MHz~862MHz
CATV(M)	68MHz~175MHz		68MHz~175MHz
CATV(S)	230MHz~301MHz		230MHz~301MHz
CATV(H)	302MHz~470MHz		302MHz~470MHz
Intermediate Freq.			
VIF Carrier	38.9MHz(B/G)	39.5MHz(I)	38.9MHz(L, B/G, I)/34.25MHz(L')
SIF Carrier	33.4(5.5MHz)	33.5(6.0MHz)	33.4(5.5MHz:B/G) 33.9(6.0MHz:I) 32.4(6.5MHz:L) / 40.75 (6.5MHz:L')
Colour Sub Carrier Freq.			
PAL	4.43MHz	4.43MHz	4.43MHz
SECAM	4.0625MHz/4.25MHz		4.0625MHz/4.25MHz
NTSC	3.58MHz/4.43MHz	3.58MHz/4.43MHz	3.58MHz/4.43MHz
Aerial Input Term	75 Ω Unbalanced, Coaxial		
Power Input	220V~240V AC, 50Hz		
Power Consumption	146W(Max)/98W(Avg), 98W/h(ITALY)		
Picture Tube	Visible size : 68cm, Measured diagonally		
High Voltage	31.0kV +1kV -1.5kV (at zero beam current)		
Speaker	5 × 12cm Oval Type, 8 Ω × 2		
Audio Output	5W × 5W		
EXT-1/EXT-2(Input/Output)	21-pin Euro connector(SCART socket)		
EXT-3(Input)	1Vp-p 75 Ω (RCA pin jack)		
Video	500mVrms(-4dBs), High Impedance (RCA pin jack)		
Audio(L/R)	Stereo mini jack (φ 3.5mm)		
Headphone jack			
Remote Control Unit	RM-C795 AAA(R03) dry battery × 2	RM-C794 AAA(R03) dry battery × 2	RM-C795 AAA(R03) dry battery × 2
TV stand		RK-GS30	

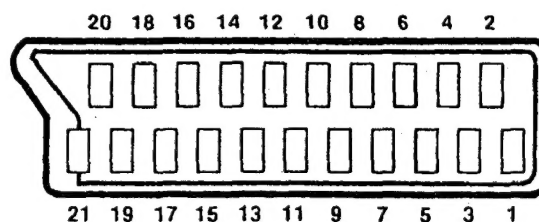
Design & specification are subject to change without notice.

■ 21-pin Euro connector (SCART socket) : EXT-1 / EXT-2

(P-P= Peak to Peak, S-W= Sync tip to white peak, B-W= Blanking to white peak)

Pin No.	Signal Designation	Matching Value	EXT-1	EXT-2
1	AUDIO R output	500mVrms(Nominal), Low impedance	○ (TV OUT)	○ (TV/LINE OUT)
2	AUDIO R input	500mVrms(Nominal), High impedance	○	○
3	AUDIO L output	500mVrms(Nominal), Low impedance	○ (TV OUT)	○ (TV/LINE OUT)
4	AUDIO GND		○	○
5	GND (B)		○	○
6	AUDIO L input	500mVrms(Nominal), High impedance	○	○
7	B input	700mV _{B-W} , 75 Ω	○	NC
8	FUNCTION SW (SLOW SW)	Low : 0-3V, High : 8-12V, High impedance	○	NC
9	GND (G)		○	○
10	--		NC	--
10	SCL3		--	○
11	G input	700mV _{B-W} , 75 Ω	○	NC
12	--		NC	--
12	SDA3		--	○
13	GND (R)		○	○
14	GND (Y _S)		○	NC
15	R / C input	R : 700mV _{B-W} , 75 Ω C : 300mV _{P-P} , 75 Ω	○ (R/C)	○ (only C)
16	Y _S input	Low : 0 - 0.4, High : 1 - 3V, 75 Ω	○	NC
17	GND(VIDEO output)		○	○
18	GND(VIDEO input)		○	○
19	VIDEO output	1V _{S-W} (Negative going sync), 75 Ω [Use the adjustment of DETECTOR LEVEL]	○ (TV)	○ (TV/LINE OUT)
20	VIDEO / Y input	1V _{S-W} (Negative going sync), 75 Ω	○	○
21	COMMON GND		○	○

[Pin assignment]



SAFETY PRECAUTIONS

1. The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
2. Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
3. Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (Δ) on the parts list in Service manual.** The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.
4. **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND, the ISOLATED(NEUTRAL) : (⊥) side GND and EARTH : (⊕) side GND. Don't short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND and never measure with a measuring apparatus (oscilloscope etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND at the same time.
If above note will not be kept, a fuse or any parts will be broken.
5. If any repair has been made to the chassis, it is recommended that the B1 setting should be checked or adjusted (See ADJUSTMENT OF B1 POWER SUPPLY).
6. The high voltage applied to the picture tube must conform with that specified in Service manual. Excessive high voltage can cause an increase in X-Ray emission, arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper minimum level of soft X-Ray emission, components in the high voltage circuitry including the picture tube must be the exact replacements or alternatives approved by the manufacturer of the complete product.
7. Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a 10kΩ 2W resistor to the anode button.
8. When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

9. Isolation Check

(Safety for Electrical Shock Hazard)

After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screwheads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

(1) Dielectric Strength Test

The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second.

(. . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)

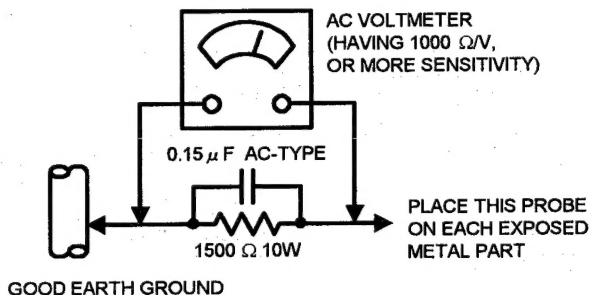
This method of test requires a test equipment not generally found in the service trade.

(2) Leakage Current Check

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.).

● Alternate Check Method

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000 ohms per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.35V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).



SAFETY PRECAUTIONS

1. The design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
2. Alterations of the design or circuitry of the product should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
3. Many electrical and mechanical parts in the product have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessary be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (Δ) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the Parts List of Service Manual may cause shock, fire, or other hazards.
4. The leads in the products are routed and dressed with ties, clamps, tubing's, barriers and the like to be separated from live parts, high temperature parts, moving parts and / or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after re-assembling.

WARNING

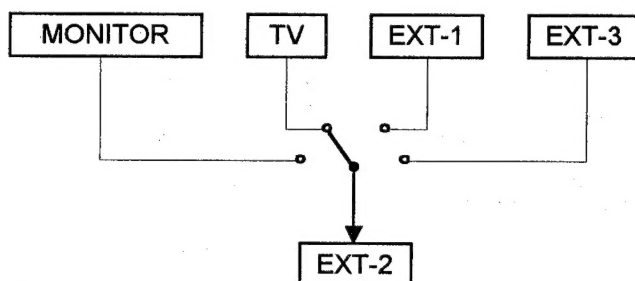
1. The equipment has been designed and manufactured to meet international safety standards.
2. It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
3. Repairs must be made in accordance with the relevant safety standards.
4. It is essential that safety critical components are replaced by approved parts.
5. If mains voltage selector is provided, check setting for local voltage.

FEATURES [AV-29TS2EN, AV-29TS2PF]

1. The TELETEXT SYSTEM has a built-in FASTEXT, TOP & WST system.
2. By means of AUTO SET, the TV stations can be selected automatically and the TV channels can also be rearranged automatically.
3. Built-in ECO (ECONOMY, ECOLOGY) MODE
In accordance with the brightness in a room, the brightness and / or contrast of the picture can be adjusted automatically to make the optimum picture which is easy on the eye.
4. The audio circuit has a built-in A2/NICAM stereo system.
5. The EXT-2 TERMINAL (21-pin Euro connector) can select the output circuit as shown figure.

FEATURES [AV-29TS2EK]

1. The TELETEXT SYSTEM has a built-in FASTEXT & WST system.
2. By means of AUTO SET, the TV stations can be selected automatically and the TV channels can also be rearranged automatically.
3. Built-in ECO (ECONOMY, ECOLOGY) MODE
In accordance with the brightness in a room, the brightness and / or contrast of the picture can be adjusted automatically to make the optimum picture which is easy on the eye.
4. The audio circuit has a built-in NICAM stereo system.
5. The EXT-2 TERMINAL (21-pin Euro connector) can select the output circuit as shown figure.



MAIN DIFFERENCE PARTS LIST

△	Parts Name	AV-29TS2EN	AV-29TS2EK	AV-29TS2PF
	MAIN PWB ASS'Y	SJE-1001A-U2	SJE-1901A-U2	SJE-1704A-U2
	AV SEL & MSP PWB ASS'Y	SJE0S001A-U2	SJE0S901A-U2	SJE0S701A-U2
	IF CONTROL PWB ASS'Y	SJE0F001A-U2	SJE0F901A-U2	SJE0F701A-U2
	FRONT CABINET ASS'Y	CM12909-A0B-E	CM12909-A0A-E	←
	CONTROL WINDOW	CM23120-A02-E	CM23120-A01-E	←
△	POWER CORD	AEEMP001-185	AEEMP003-185A	AEEMP001-185
	REMOCON UNIT	RM-C795-1E	RM-C794-1E	RM-C795-1E
△	INST BOOK	CQ40317-001-E CQ40318-001-E	CQ40319-001-E	CQ40321-001-E
	SET-UP GUIDE	x	CQ40320-001-E	CQ40322-001-E
	ADDRESS CARD	BT-20066A-E	←	BT-20116(192)E
	PACKING CASE	AEM1002-E37-E	AEM1002-048-E	AEM1002-E37-E
	S.DIAGRAM (Only for ITALY)	29TS2EN-HSAE	x	x
△	RATING LABEL	CM23156-A01-E CM23157-001-E	CM22875-012-E	CM23159-001-E
	EURO LABEL	AEM1038-042-E	AEM1038-041-E	AEM1038-054-E

SPECIFIC SERVICE INSTRUCTIONS

DISASSEMBLY PROCEDURE

REMOVING THE REAR COVER

1. Unplug the power cord.
2. Remove the 10 screws marked "X" as shown in the figure.
3. Withdraw the rear cover toward you.

REMOVING THE CHASSIS

- After removing the rear cover.
1. Slightly raise the both sides of the chassis by hand and remove the two claws under the both sides of the chassis from the front cabinet.
 2. Withdraw the chassis backward.
(If necessary, take off the wire clamp, connectors etc.)

REMOVING THE AV TERMI. BOARD

- After removing the rear cover.
1. While raising the claw marked "A", remove the top of the AV TERMI. Board slightly in the direction of arrow "B" as shown in Fig. 1.
 2. Pressing the claws marked "C", remove the AV TERMI. Board in the arrow direction marked "D" as shown in Fig. 2

CHECKING THE PW BOARD

1. To check the back side of the PW Board.
 - 1) Pull out the chassis. (Refer to REMOVING THE CHASSIS).
 - 2) Erect the chassis vertically so that you can easily check the back side of the PW Board.

[CAUTION]

- When erecting the chassis, be careful so that there will be no contacting with other PW Board.
- Before turning on power, make sure that the wire connector is properly connected.

WIRE CLAMPING AND CABLE TIES

1. Be sure to clamp the wire.
2. Never remove the cable tie used for tying the wires together.
Should it be inadvertently removed, be sure to tie the wires with a new cable tie.

REMOVING THE CONTROL BASE

1. While pushing down the claws marked "E", remove the CONTROL BASE in the arrow direction "F" as shown in Fig. 3. (If necessary, take off the wire clamp, connectors etc.)

REMOVING THE SPEAKER

- After removing the rear cover.
1. Remove the two screws marked "Y" as shown in figure.
 2. Follow the same steps when removing the other hand speaker.

COATING OF SILICON GREASE FOR ELECTRICAL INSULATION ON THE CRT ANODE CAP SECTION.

- Subsequent to replacement of the CRT and HV transformer or repair of the anode cap, etc. by dismounting them, be sure to coat silicon grease for electrical insulation as shown in Fig.4. Wipe around the anode button with clean and dry cloth. (Fig.4)
Coat silicon grease on the section around the anode button. At this time, take care so that any silicon greases dose not stick to the anode button. (Fig.5)

★ Silicon grease product No. KS - 650N

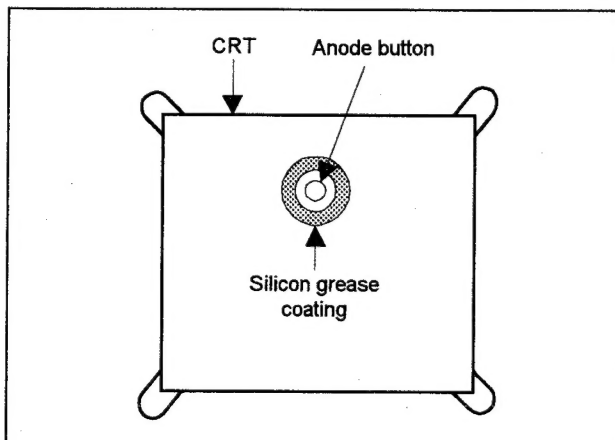


Fig. 4

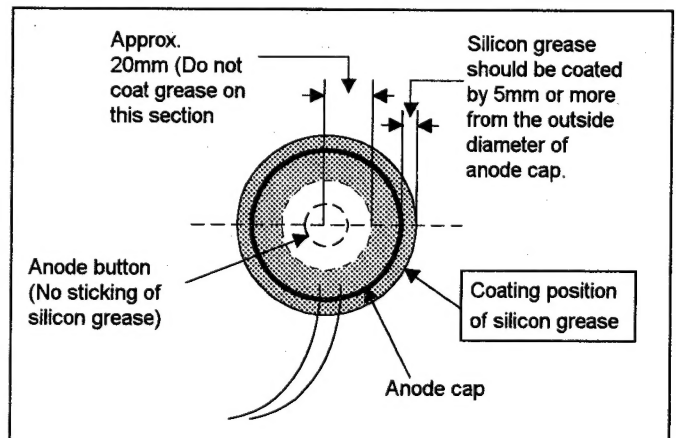
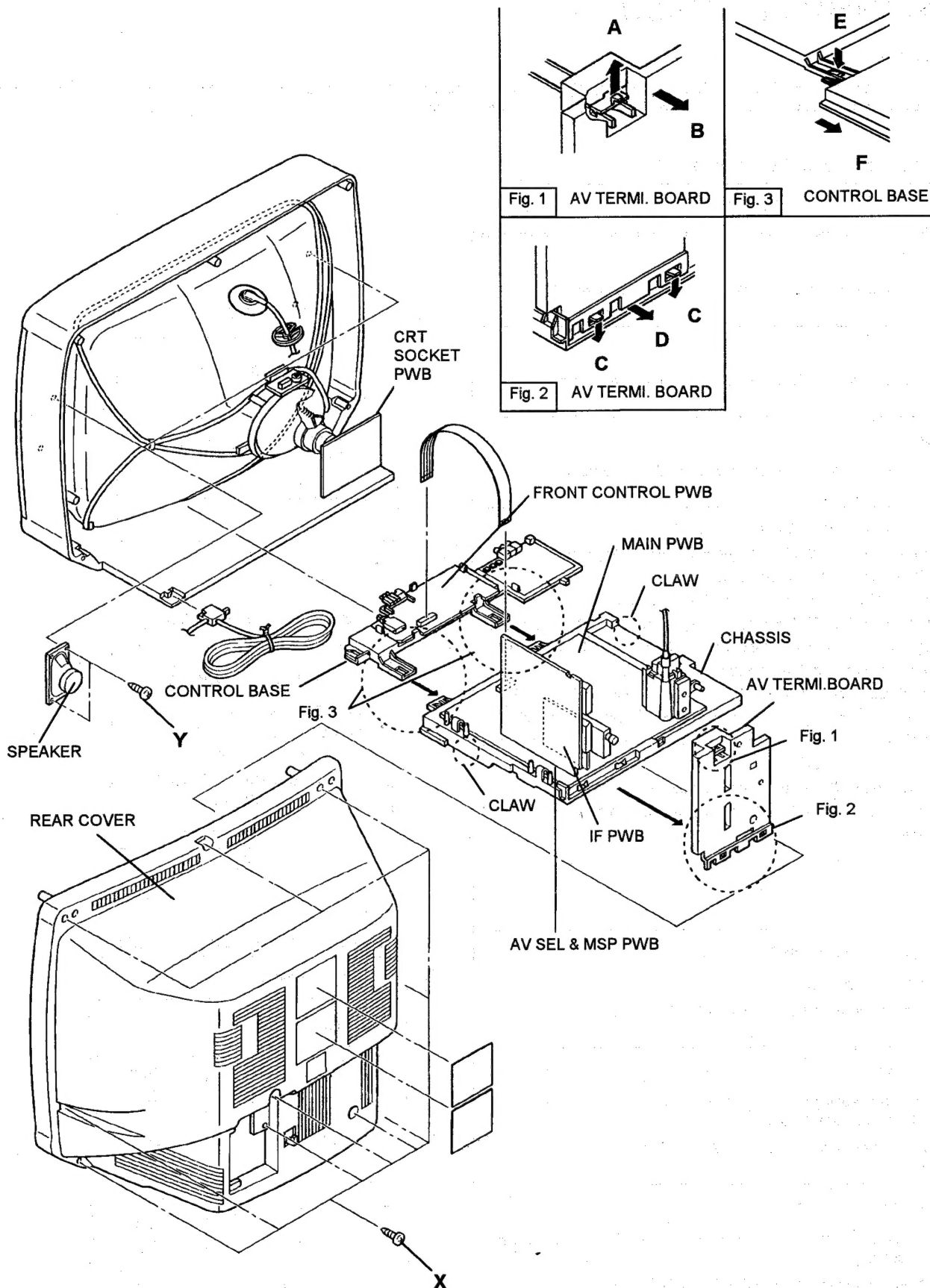


Fig. 5



REPLACEMENT OF MEMORY ICs

1. Memory ICs

This TV use memory ICs (EEP-ROM IC). In the memory ICs, there are memorized data for correctly operating the video and deflection circuits. When replacing memory ICs, be sure to use ICs written with the initial values of data.

2. Procedure for replacing memory ICs

PROCEDURE	
(1) Power off	Switch the power off and unplug the power code from the outlet.
(2) Replace ICs.	Be sure to use memory ICs written with the initial data values.
(3) Power on	Plug the power code into the outlet and switch the power on.
(4) Check and set SYSTEM CONSTANT SET:	<ol style="list-style-type: none"> 1) Press the INFORMATION key and the MUTE key of the REMOTE CONTROL UNIT simultaneously. 2) The SERVICE MENU screen of Fig. 1 will be displayed. 3) While the SERVICE MENU is displayed press the INFORMATION key and MUTE key simultaneously, and the SYSTEM CONSTANT SET screen of Fig. 2 will be displayed. 4) Check the setting values of the SYSTEM CONSTANT SET of Table 1. If the value is different, select the setting item with the FUNCTION UP/DOWN key, and set the correct value with the FUNCTION +/- key. 5) Press the MENU key and memorize the setting value. 6) Press the INFORMATION key twice, and return to the normal screen.
(5) Setting of receive channels	<p>Set the receive channel.</p> <p>For setting, refer to the OPERATING INSTRUCTIONS.</p>
(6) User settings	<p>Check the user setting values of Table 2, and if setting value is different, set the correct value.</p> <p>For setting, refer to the OPERATING INSTRUCTIONS.</p>
(7) Setting of SERVICE MENU	<p>Verify the setting items of the SERVICE MENU of Table 3, and reset where necessary.</p> <p>For setting, refer to the SERVICE ADJUSTMENTS.</p>

SERVICE MENU

SERVICE MENU	
1.IF	2.V/C
3.AUDIO	4.DEF
5.VSM PRISET	6.VPS
7.AUDIO PROGRAM (ON)	
1-7:SELECT	<input type="checkbox"/> :EXIT

Fig.1

SYSTEM CONSTANT SET







SYSTEM CONSTANT SET	
MODEL=TS2 (V*. ****)	
 1.COUNTRY	:EN
2.INCH	:29
- + <input type="checkbox"/> OK	:STORE <input type="checkbox"/> :EXIT
JVC JE BASIC V01	
***** - *****	

Fig.2

NAME OF REMOTE CONTROL KEY

Names of key	key
INFORMATION	
MUTE	
MENU	
FUNCTION UP/DOWN	
FUNCTION +/-	

SETTING VALUES OF SYSTEM CONSTANT SET

Setting item	Setting content	Setting value		
		AV-29TS2EN	AV-29TS2EK	AV-29TS2PF
1. COUNTRY	PF → IR → UK → EN	EN	UK	PF
2. INCH	21 → 25 → 29	29	29	29

Table 1

USER SETTING VALUES

Setting item	Setting value	Setting item	Setting value
SUB POWER	ON	COOL/NORMAL	COOL
CHANNEL	1 POSITION	SLEEP TIMER	OFF
CHANNEL PRESET	See ; OPERATING INSTRUCTIONS	SPATIAL EFFECT	OFF
		BLUE BACK	ON
VOLUME	Appropriate sound volume	ZOOM	REGULAR
TV / EXT	TV	ECO	OFF
DISPLAY	CHANNEL DISPLAY	BALANCE	CENTER
P / S / N	TV / PAL	LANGUAGE	ENGLISH
HYPER SOUND	OFF	CHILD LOCK	ID No.*****

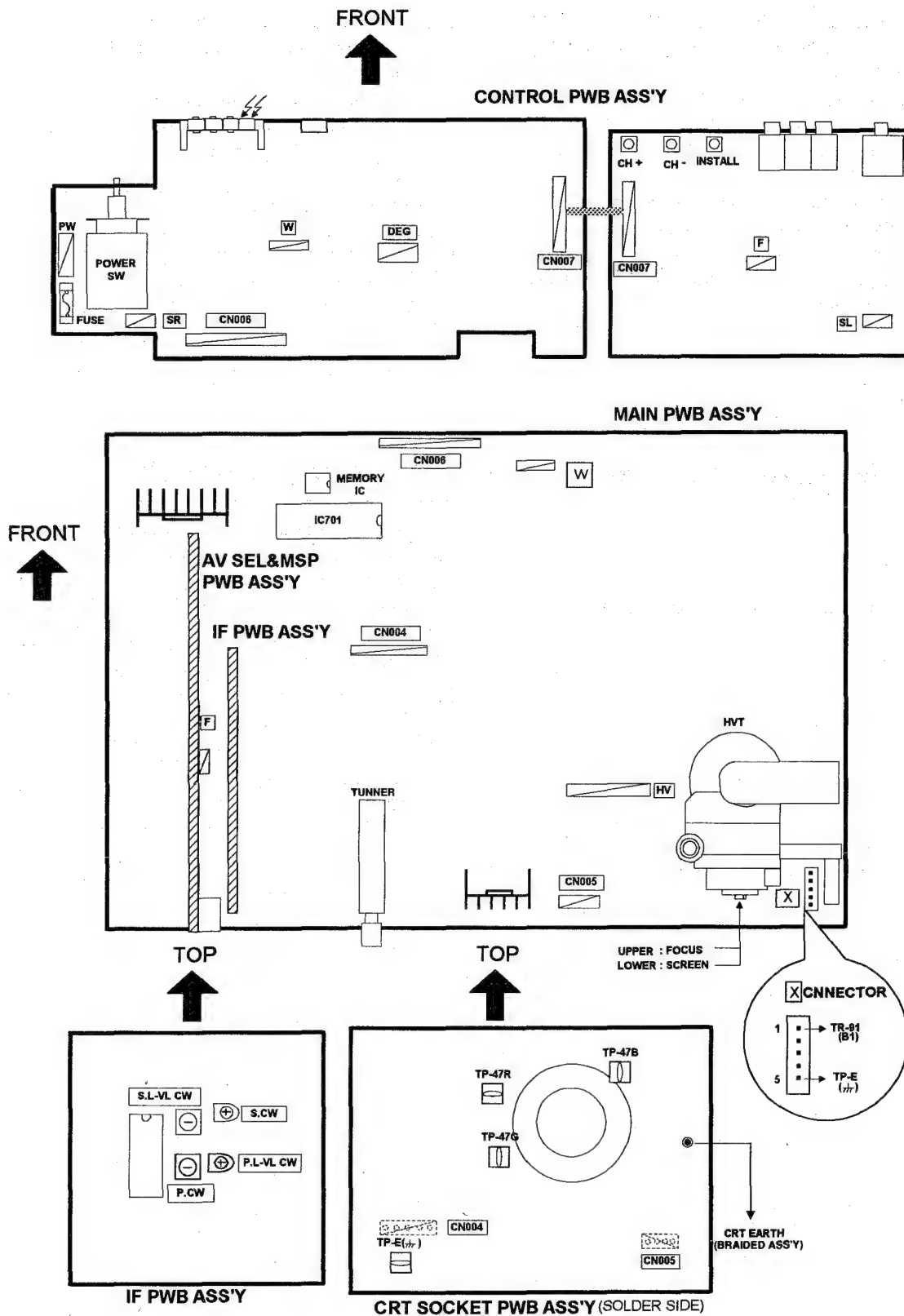
Table 2

SERVICE MENU SETING ITEMS

Setting item	Setting value	Setting item	Setting value
1. IF	1. VCO 2. DELAY POINT 3. LV LEVEL(Only AV-29TS2PF)	4. DEF.	1. TRAREZ 2. V-SHIFT 3. V-SIZE 4. H-CENT 5. H-SIZE 6. EW-PIN 7. V-S. CR(Fixed) 8. V-EDGE(Fixed) 9. EW-COR(Fixed) 10. ABL POINT(Do not adjust) 11. ABL GAIN(Do not adjust)
2. V/C	1. CUT OFF 2. DRIVE 3. BRIGHT 4. CONT. 5. COLOUR(PAL/SECAM/NTSC) 6. TINT(NTSC) 7. BLACK OFFSET(SECAM) 8. SHARP 9. TEXT CONT 10. DC TRAN RATE (Do not adjust) 11. BLACK OFFSET 12. B.S.OFF	5. VSM PRESET (COOL/NORMAL/WARM)	1. BRIGHT 2. CONT. 3. COLOUR 4. SHARP 5. TINT 6. R DRIVE 7. B DRIVE 8. BASS 9. TREBLE
3. AUDIO (Do not adjust)	1. CONC LIMIT 2. A2 ID THR	6. VPS (Do not adjust)	VPS
		7. AUTO PROGRAM (Do not adjust)	ON / OFF

Table 3

ADJUSTMENT LOCATIONS



BASIC OPERATION OF SERVICE MENU

1. TOOL OF SERVICE MENU OPERATION

Operate the SERVICE MENU with the REMOTE CONTROL UNIT.

2. SERVICE MENU ITEMS

With the SERVICE MENU, various settings (adjustments) can be made, and they are broadly classified in the following items of settings (adjustments):

- (1) **1. IF** This mode adjusts the setting values of the IF circuit.
- (2) **2.V/C** This mode adjusts the setting values of the VIDEO / CHROMA circuit.
- (3) **3.AUDIO** This mode adjusts the setting values of the multiplicity SOUND circuit.
- (4) **4.DEF** This mode adjusts the setting values of the DEFLECTION circuit.
- (5) **5.VSM PRSET** This mode adjusts the initial setting values of COOL, NOMAL and WARM.
(VSM : video status memory)
- (6) **6.VPS** This mode shows the monitor of the VPS and PDC. **(Do not adjust)**.
(VPS : Video Program System, PDC : Program Delivery Code)
- (7) **7.AUTO PROGRAM** By turning the power switch on, you can get the state of AUTO PROGRAM. **(Do not adjust)**

3. BASIC OPERATION OF SERVICE MENU

(1) How to enter SERVICE MENU

Press the INFORMATION key and the MUTE key of the REMOTE CONTROL UNIT simultaneously, and the SERVICE MENU screen of Fig. 1 will be displayed.

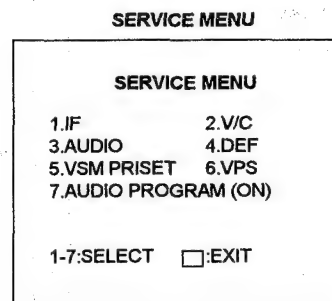


Fig. 1

(2) Selection of SUB MENU SCREEN

Press one of keys 1~7 of the REMOTE CONTROL UNIT and select the SUB MENU SCREEN (See Fig. 3), form the SERVICE MENU.

SERVICE MENU → SUB MENU

1. IF
2. V / C
3. AUDIO
4. DEF.
5. VSM PRESET
6. VPS
7. AUTO PROGRAM

NAME OF REMOTE CONTOROL KEY

Names of key	key
INFORMATION	
MUTE	
MENU	
FUNCTION UP/DOWN	
FUNCTION +/-	

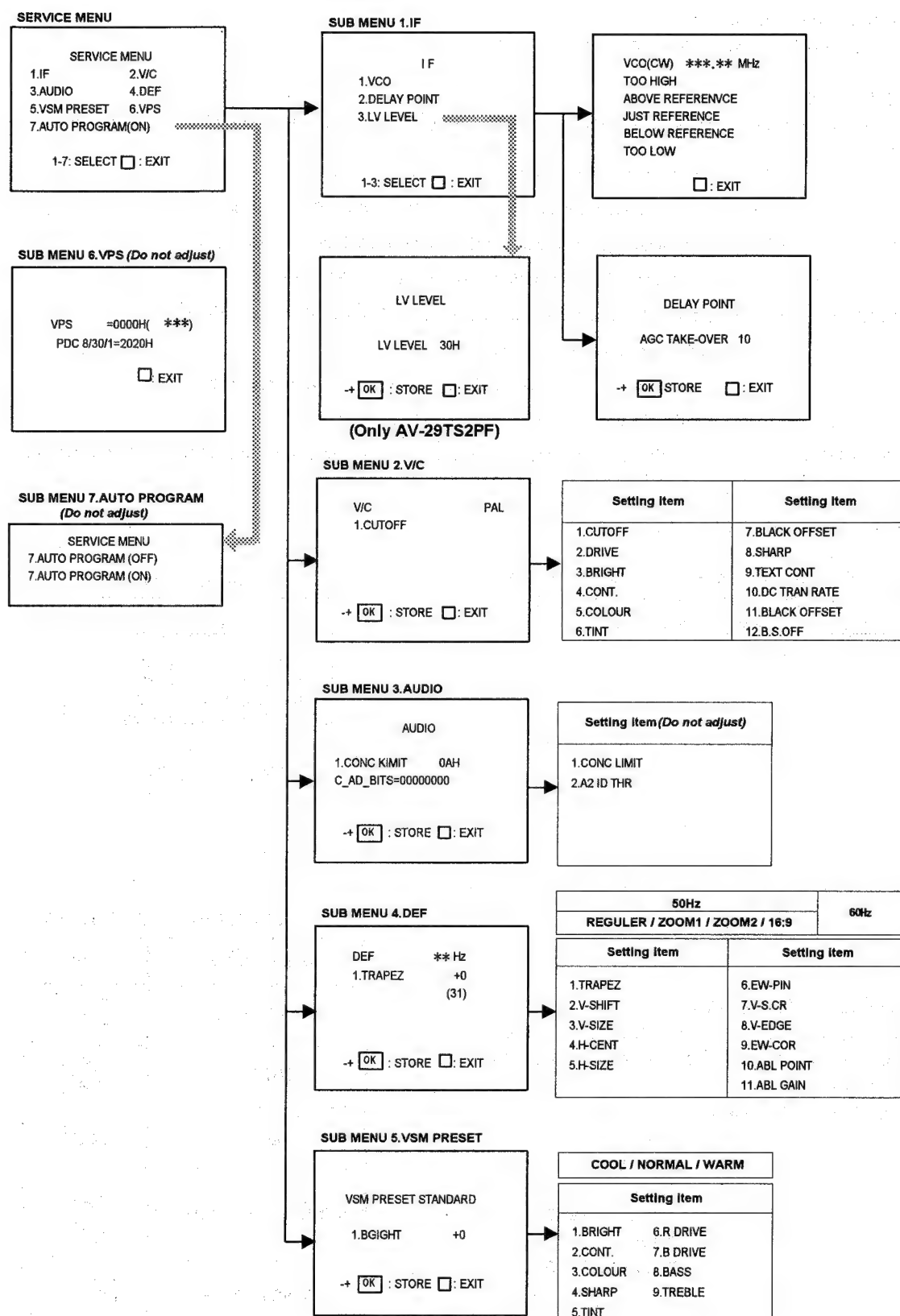


Fig. 3 SUB MENU SCREEN

(3) Method of Setting

1) Method of Setting 1.IF

[1. VCO]

- ① 1 Key Select 1.IF.
- ② 1 Key Select 1.VCO
- ③ The VCO (CW) screen will be displayed in yellow when the AFC voltage is at a certain level and in blue when it is at other levels.
- ④ INFORMATION Key As you press this twice, you will return to the **SERVICE MENU**.

[2. DELAY POINT]

- ① 1 Key Select 1.IF.
- ② 2 Key Select 2.DELAY POINT.
- ③ FUNCTION +/- Set (adjust) the setting values of the setting items.
- ④ MENU Key Memorize the set value.
(Before storing the setting values in memory, do not press the CH, TV / VIDEO, DISPLAY, POWER ON / OFF keys - if you do, the values will not be stored in memory.)
- ⑤ INFORMATION Key When this is pressed twice, you will return to the **SERVICE MENU**.

[3. LV LEVEL] (Only AV-29TS2PF)

- ① 1 Key Select 1.IF.
- ② 3 Key Select 3.LV LEVEL
- ③ FUNCTION +/- Set (adjust) the setting values of the setting items.
- ④ MENU Key Memorize the set value.
(Before storing the setting values in memory, do not press the CH, TV / VIDEO, DISPLAY, POWER ON / OFF keys - if you do, the values will not be stored in memory.)
- ⑤ INFORMATION Key When this is pressed twice, you will return to the **SERVICE MENU**.

2) Method of setting 2.V/C, 3.AUDIO, 4.DEF, 5.VSM PRESET and 6.VPS.

- ① 2~6 Key Select one from 2. V/C, 3. AUDIO, 4. DEF, 5. VSM PRESET and 6. VPS.
- ② FUNCTION UP/DOWN Key Select setting items.
- ③ FUNCTION +/- Set (adjust) the setting values of the setting items.
(When 1.CUTOFF of 2.V/C is selected, press its "-" or "+" key, and the whole will change to a faint horizontal line appearing in its center. Press the same "-" or "+" key again, and the screen will return to the original 1.CUTOFFscreen.)
- ④ MENU Key Memorize the setting value.
(Before storing the setting values in memory, do not press the CH, TV / VIDEO, DISPLAY, POWER ON / OFF key - if you do, the values will not be stored in memory.)
- ⑤ DISPLAY Key Return to the **SERVICE MENU** screen.



3) Method of setting 7.AUTO PROGRAM.

- ① This mode initializes every existing set value collectively to the preset value at the time of shipment from the factory.

(4) Release of SERVICE MENU

- 1) After completing the setting, return to the **SERVICE MENU**, then again press the **DISPLAY** key.

POWER SUPPLY CHECK

Item	Measuring instrument	Test point	Adjustment part	Description
Check of B1 voltage	Signal generator DC voltmeter	TP-91(B1) TP-E() [X connector in MAIN PWB]		<ol style="list-style-type: none"> 1. Receive a whole black signal. 2. Connect a DC voltmeter to TP-91(B1) and TP-E(). 3. Make sure that the voltage is $DC142.5 \pm 2V$.

FOCUS ADJUSTMENT

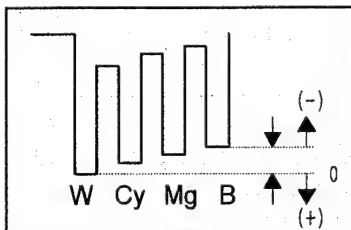
Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of FOCUS	Signal generator		FOCUS VR [In HVT]	<ol style="list-style-type: none"> 1. Receive a cross-hatch signal. 2. While watching the screen, adjust the FOCUS VR to make the vertical and horizontal lines as fine and sharp as possible. 3. Make sure that when the screen is darkened, the lines remain in good focus.

IF CIRCUIT ADJUSTMENT [For AV-29TS2EN / AV-29TS2EK]

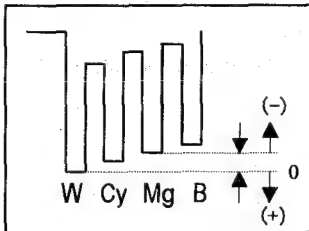
Item	Measuring instrument	Test point	Adjustment part	Description																											
Adjustment of VCO	Remote control unit		P. CW TRANSF. [In IF PWB]	<div><div><div>VCO(CW) ...MHz TOO HIGH ABOVE REFERENCE JUST REFERENCE BELOW REFERENCE TOO LOW <input type="checkbox"/> : EXIT</div><div><div>fv</div><div>YELLOW</div></div></div><div><table><tr><th rowspan="2">Screen display</th><th colspan="3">Step</th></tr><tr><th>1</th><th>2</th><th>3</th></tr><tr><td>TOO HIGH</td><td>Yellow</td><td>Blue</td><td>Blue</td></tr><tr><td>ABOVE REFERENCE</td><td>Blue</td><td>Blue</td><td>Blue</td></tr><tr><td>JUST REFERENCE</td><td>Blue</td><td>Blue</td><td>Yellow</td></tr><tr><td>BELOW REFERENCE</td><td>Blue</td><td>Blue</td><td>Blue</td></tr><tr><td>TOO LOW</td><td>Blue</td><td>Yellow</td><td>Blue</td></tr></table></div></div> <div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div></div></div><div></div></div><div><div><div></div><div></div><div></div><div></div><div></div></div><div></div></div><div></div></div> <div><div><div></div><div></div><div></div><div></div><div></div></div><div></div></div> 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<div><div><div></div><div></div><div></div><div></div><div></div></div><div></div></div> <div></div> <div><div><div></div><div></div><div></div></div></div>	Screen display	Step			1	2	3	TOO HIGH	Yellow	Blue	Blue	ABOVE REFERENCE	Blue	Blue	Blue	JUST REFERENCE	Blue	Blue	Yellow	BELOW REFERENCE	Blue	Blue	Blue	TOO LOW	Blue	Yellow	Blue
Screen display	Step																														
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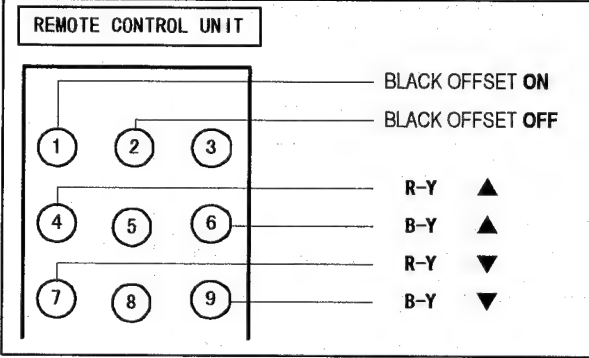
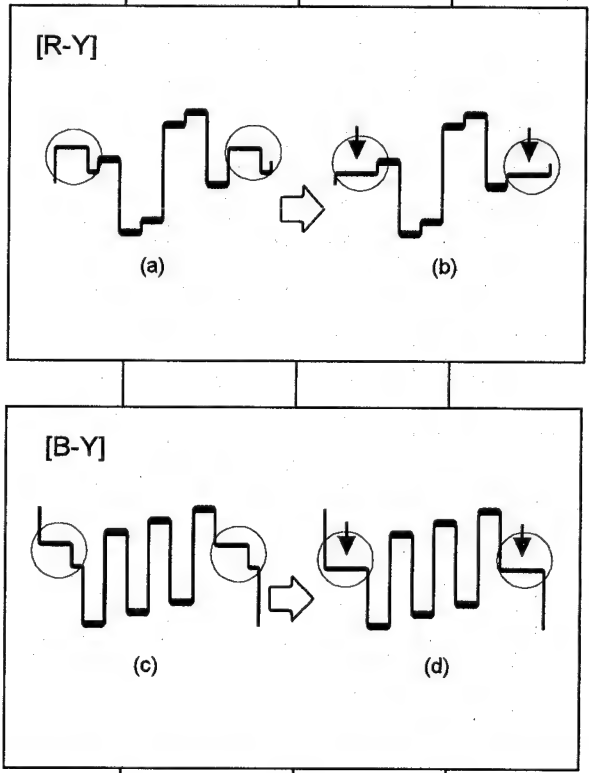
Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of SUB COLOUR I	Remote control unit		5.COLOUR (PAL~NTSC)	[Method of adjustment without using measuring instrument]
			PAL COLOUR	(PAL COLOUR) 1. Receive any broadcast. 2. Select 2.V/C from the SERVICE MENU. 3. Select 5.COLOUR with the FUNCTION UP/DOWN key. 4. Set the initial setting value for PAL COLOUR with the FUNCTION - or + key. 5. If the contrast is not the best with the initial set value, make fine adjustment until you get the best contrast. 6. Press the MENU key and memorize the set value.
			SECAM COLOUR (AV-29TS2EN / AV-29TS2PF)	(SECAM COLOUR) 1. Receive a SECAM broadcast. Make fine adjustment of SECAM COLOUR in the same manner as for above.
			NTSC COLOUR	(NTSC 3.58 COLOUR) 1. Input a NTSC 3.58MHz COMPOSITE VIDEO signal from the EXT terminal. 2. Make similar fine adjustment of NTSC 3.58 COLOUR in the same manner as for above. (NTSC 4.43 COLOUR) 1. When NTSC 3.58 is set, NTSC 4.43 will be automatically set at the respective values.

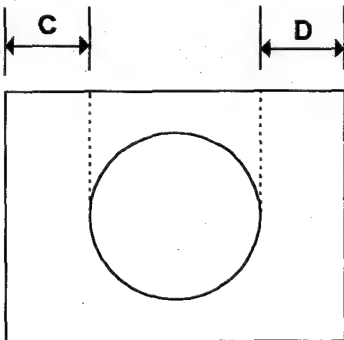
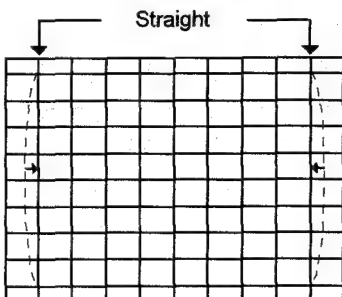
Item	Measuring instrument	Test point	Adjustment part	description
Adjustment of SUB COLOUR II	Signal generator Oscilloscope Remote control unit	TP-47B TP-E($\frac{1}{\sqrt{2}}$) [CRT SOCET PWB]	5.COLOUR (PAL~NTSC)	[Method of adjustment using measuring instrument]
			PAL COLOUR	(PAL COLOUR) 1. Receive a PAL full field colour bar signal(75% white). 2. Select 2.V/C from the SERVICE MENU. 3. Select 7.COLOUR with the FUNCTION UP/DOWN key. 4. Set the initial setting value for PAL COLOUR with the FUNCTION - or + key. 5. Connect the oscilloscope between TP-47B and TP-E($\frac{1}{\sqrt{2}}$) 6. Adjust PAL COLOUR and bring the value of (A) in the illustration to 0V (voltage difference between white and blue). 7. Press the MENU key and memorize the setting value.
			SECAM COLOUR (AV-29TS2EN/AV-29TS2PF)	(SECAM COLOUR) 1. Receive a SECAM full field colour bar signal(75% white). 2. Set the initial setting value of SECAM COLOUR with the FUNCTION +/- key. 3. Adjust SECAM COLOUR and bring the value of (A) of the illustration to +5V (W~B). 4. Press the MENU key and memorize the setting value.
			NTSC 3.58 COLOUR	(NTSC 3.58 COLOUR) 1. Input a NTSC 3.58MHz COMPOSITE VIDEO signal (full field colour bar with 75% white) from the EXT terminal. 2. Set the initial setting value of NTSC 3.58 COLOUR with the FUNCTION +/- key. 3. Adjust NTSC 3.58 COLOUR and bring the value of (A) of the illustration to 0V(W~B). 4. Press the MENU key and memorize the setting value.
				(NTSC 4.43 COLOUR) 1. When NTSC 3.58 is set, NTSC 4.43 will be automatically set at the respective values.



Item	Measuring Instrument	Test point	Adjustment part	Description
Adjustment of SUB TINT I	Remote control unit		6.TINT	[Method of adjustment without using measuring instrument]
			NTSC 3.58 TINT	[NTSC 3.58 TINT] 1. Input a NTSC 3.58MHz composite video signal (full field colour bar with 75% white) from the EXT terminal. 2. Select 2.V/C from the SERVICE MENU. 3. Select 6. TINT with the FUNCTION UP/DOWN key. 4. Set the initial setting value of NTSC 3.85 TINT with the FUNCTION +/- key. 5. If you cannot get the best tint with the initial setting value, make fine adjustment until you get the best tint. 6. Press the MENU key and memorize the set value.
				[NTSC 4.43 TINT] 1. When NTSC 3.58 is set, NTSC 4.43 will be automatically set at the respective values.
Adjustment of SUB TINT II	Signal generator	TP-47B TP-E($\frac{1}{\pi}$) [CRT SOCKET PWB]	6.TINT	[Method of adjustment using measuring instrument]
	Oscilloscope		NTSC 3.58 TINT	[NTSC 3.58 TINT] 1. Input a NTSC 3.58MHz composite video signal (full field colour bar with 75% white) from the EXT terminal. 2. Select 2.V/C from the SERVICE MENU. 3. Select 6.TINT with the FUNCTION UP/DOWN key. 4. Set the initial setting value of NTSC 3.85 TINT with the FUNCTION - or + key. 5. Connect the oscilloscope between TP-47B and TP-E($\frac{1}{\pi}$) 6. Adjust NTSC 3.58 TINT to bring the value of (A) in the illustration to +5V (voltage difference between white and magenta). 7. Press the MENU key and memorize the setting value
	Remote control unit			[NTSC 4.43 TINT] 1. When NTSC 3.58 is set, NTSC 4.43 will be automatically set at the respective values.



Item	Measuring instrument	Test point	Adjustment part	description
Adjustment of BLACK OFFSET (SECAM) I	Remote control unit		7.BLACK OFFSET (R-Y) *** (B-Y) ***	<p>[Method of adjustment without measuring instrument]</p> <ol style="list-style-type: none"> 1. Receive a SECAM broadcast. 2. Select 2. V/C from SERVICE MENU. 3. Select 7. BLACK OFFSET with the FUNCTION UP/DOWN key. 4. Set the initial setting value for BLACK OFFSET (R-Y) and (B-Y) with 4 and 7 or 6 and 9 keys of the remote control. 5. If the picture is not the best with the initial setting value, make fine adjustment until you get the best picture. 6. Press the MENU key and memorize the setting value.
				
Adjustment of BLACK OFFSET (SECAM) II	Signal generator Oscilloscope Remote control unit	35 PIN (R-Y) 36 PIN (B-Y) IC-101 OF MAIN PWB	7.BLACK OFFSET (R-Y) *** (B-Y) ***	<p>[Method of adjustment using measuring instrument]</p> <ol style="list-style-type: none"> 1. Receive a SECAM COLOUR bar signal (full field colour bar 75% white). 2. Select 2. V/C from SERVICE MENU. 3. Select 7. BLACK OFFSET with the FUNCTION UP/DOWN key. 4. Connect the oscilloscope between 35 pin of IC-101 and TP-E. 5. By using 4 and 7 keys of the remote control, adjust the BLACK OFFSET (R-Y) so that it becomes the waveform changes from (a) to (b) shown in the figure. 6. Connect the oscilloscope between 36 pin of IC-101 and TP-E. 7. By using 6 and 9 keys of the remote control, adjust the BLACK OFFSET (B-Y) so that it becomes the waveform changes from (c) to (d) shown in the figure. 8. If the picture is not the best with the adjusted picture, make fine adjustment until you get the best picture. 9. Press the MENU key and memorize the setting value.
				

Item	Measuring instrument	Test point	Adjustment part	Description												
4. Adjustment of H.CENTER			4.H-CENT.	14. Receive a circle pattern signal. 15. Select 4.H-CENT and set the initial setting value. 16. Adjust H-CENT to make C=D. 17. Press the MENU key and memorize the set value.												
																
5. Adjustment of H.SIZE			5.H-SIZE	18. Receive a cross-hatch signal. 19. Select 5.H-SIZE and set the initial setting value. 20. Adjust H-SIZE and make sure that the horizontal screen size of the picture size is in the bellow table. 21. Press the MENU key and memorize the set value.												
<table><tr><th>MODE MODEL</th><th>REGULER</th><th>ZOOM1</th><th>ZOOM2</th></tr><tr><td>AV-29TS2EN AV-29TS2EK</td><td>92%</td><td>85%</td><td>85%</td></tr><tr><td>AV-29TS2PF</td><td>91%</td><td>85%</td><td>85%</td></tr></table>					MODE MODEL	REGULER	ZOOM1	ZOOM2	AV-29TS2EN AV-29TS2EK	92%	85%	85%	AV-29TS2PF	91%	85%	85%
MODE MODEL	REGULER	ZOOM1	ZOOM2													
AV-29TS2EN AV-29TS2EK	92%	85%	85%													
AV-29TS2PF	91%	85%	85%													
6. Adjustment of EW-PIN			6.EW-PIN	22. Select 6.EW-PIN and set the initial setting value 23. Adjust EW-PIN and make the 1st.vertical lines at the left and right edges of the screen straight. Also make sure that the 2nd vertical lines are also straight. 24. Press the MENU key and memorize the set value.												
																

Item	Measuring instrument	Test point	Adjustment part	Description
7. Adjustment of V-S.CR			7.V-S.CR	25. Select 7.V-S.CR and set the initial setting value. 26. Adjust V-S.CR and make the gaps between the horizontal lines uniform. 27. Press the MENU key and memorize the set value. ★ No alignment, but adjust this mode if result of no alignment is too bad.
8. Adjustment of V-EDGE			8.V-EDGE	28. Select 8.V-EDGE and set the initial setting value. 29. Adjust V-EDGE and make the gaps between the horizontal lines uniform. 30. Press the MENU key and memorize the set value. ★ No alignment, but adjust this mode if result of no alignment is too bad.
9. Adjustment of EW-COR			9.EW-COR	31. Select 9.EW-COR and set the initial setting value. 32. Adjust EW-COR and make the vertical lines at the four corners of the screen straight. 33. Press the MENU key and memorize the set value. ★ No alignment, but adjust this mode if result of no alignment is too bad.
				34. Make sure that the adjustment is properly done on the screen of other mode.

AUDIO CIRCUIT

- Do not touch 3.AUDIO(1. CONC LIMIT, 2. A2 ID THR) of the SERVICE MENU as it requires no adjustment.


3. AUDIO

Setting item	Variable range	fixed value
1. CONC LIMIT(<i>Do not adjust</i>)	00H~FFH	0AH
2. A2 ID THR(<i>Do not adjust</i>)	00H~FFH	19H

AV-29TS2EN AV-29TS2EK AV-29TS2PF STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1. SAFETY

The components identified by the  symbol and shading are critical for safety. For continued safety replace safety critical components only with manufactures recommended parts.

2. SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

- (1) Input signal : PAL Colour bar signal
 - (2) Setting positions of each knob/button and variable resistor : Original setting position when shipped
 - (3) Internal resistance of tester : DC 20kΩ/V
 - (4) Oscilloscope sweeping time : H ⇒ 20μS/div
: V ⇒ 5mS/div
: Others ⇒ Sweeping time is specified
 - (5) Voltage values : All DC voltage values
- * Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3. INDICATION OF PARTS SYMBOL [EXAMPLE]

- In the PW board : R1209→R209

4. INDICATIONS ON THE CIRCUIT DIAGRAM

(1) Resistors

• Resistance value

- No unit : [Ω]
- K : [KΩ]
- M : [MΩ]

• Rated allowable power

- No indication : 1/6[W]
- Others : As specified

• Type

- No indication : Carbon resistor
- OMR : Oxide metal film resistor
- MFR : Metal film resistor
- MPR : Metal plate resistor
- UNFR : Uninflammable resistor
- FR : Fusible resistor

* Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2) Capacitors

• Capacitance value

- 1 or higher : [pF]
- less than 1 : [μF]

• Withstand voltage

- No indication : DC50[V]
- Others : DC withstand voltage[V]
- AC indicated : AC withstand voltage[V]

* Electrolytic Capacitors

47/50[Example]: Capacitance value[μF]/withstand voltage[V]





• Type

- No indication : Ceramic capacitor
- MY : Mylar capacitor
- MM : Metalized mylar capacitor
- PP : Polypropylene capacitor
- MPP : Metalized polypropylene capacitor
- MF : Metalized film capacitor
- TF : Thin film capacitor
- BP : Bipolar electrolytic capacitor
- TAN : Tantalum capacitor

(3) Coils



- No unit : [μH]
- Others : As specified

(4) Power Supply




-  : B1
-  : B2(12V)
-  : 8V
-  : 5V

* Respective voltage values are indicated.





(5) Test Point

-  : Test point
-  : Only test point display



(6) Connecting method

-  : Connector
-  : Wrapping or soldering
-  : Receptacle

(7) Ground symbol

-  : LIVE side ground
-  : ISOLATED(NEUTRAL) side ground
-  : EARTH ground
-  : DIGITAL ground

5. NOTE FOR REPAIRING SERVICE








This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : () side GND and the ISOLATED(NEUTRAL) : () side GND. Therefore, care must be taken for the following points.

- (1) Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. If the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.
- (2) Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

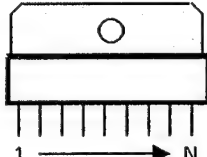
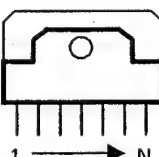
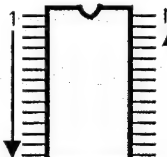
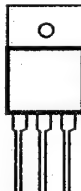
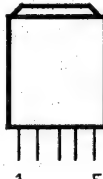


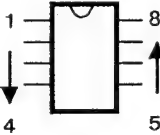
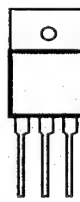
◇ Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.

SEMICONDUCTOR SHAPES (* = Bottom view)

TRANSISTORS

 <p>* E C B</p>	<p>2SA1013(O) 2SA673(C) 2SC2240(GB) 2SC1906 2SA966(OY)-T 2SC1815(YG) 2SC2482(C1) 2SC4722(NP) 2PA1015(YG) 2PC1815(YG)</p>	 <p>E C B</p>	<p>2SA933AS(QR) 2SA933S(QR) 2SC1740S(QR) 2SC2785(JH) DTC124ESA-T DTC323TS</p>	 <p>B C E</p>	<p>2SD1554-C1 2SD1878-YD 2SD1876-YD BU250BAX MTA4N60E 2SC4544-C1</p>
 <p>E C B</p>	 <p>* S G D</p>	 <p>E C B</p>	<p>2SC2371(MLK) 2SC3271(NP)</p>	 <p>GND IN OUT</p>	<p>DTC144ESA DTA144GS DTC144ES DTA144ES</p>

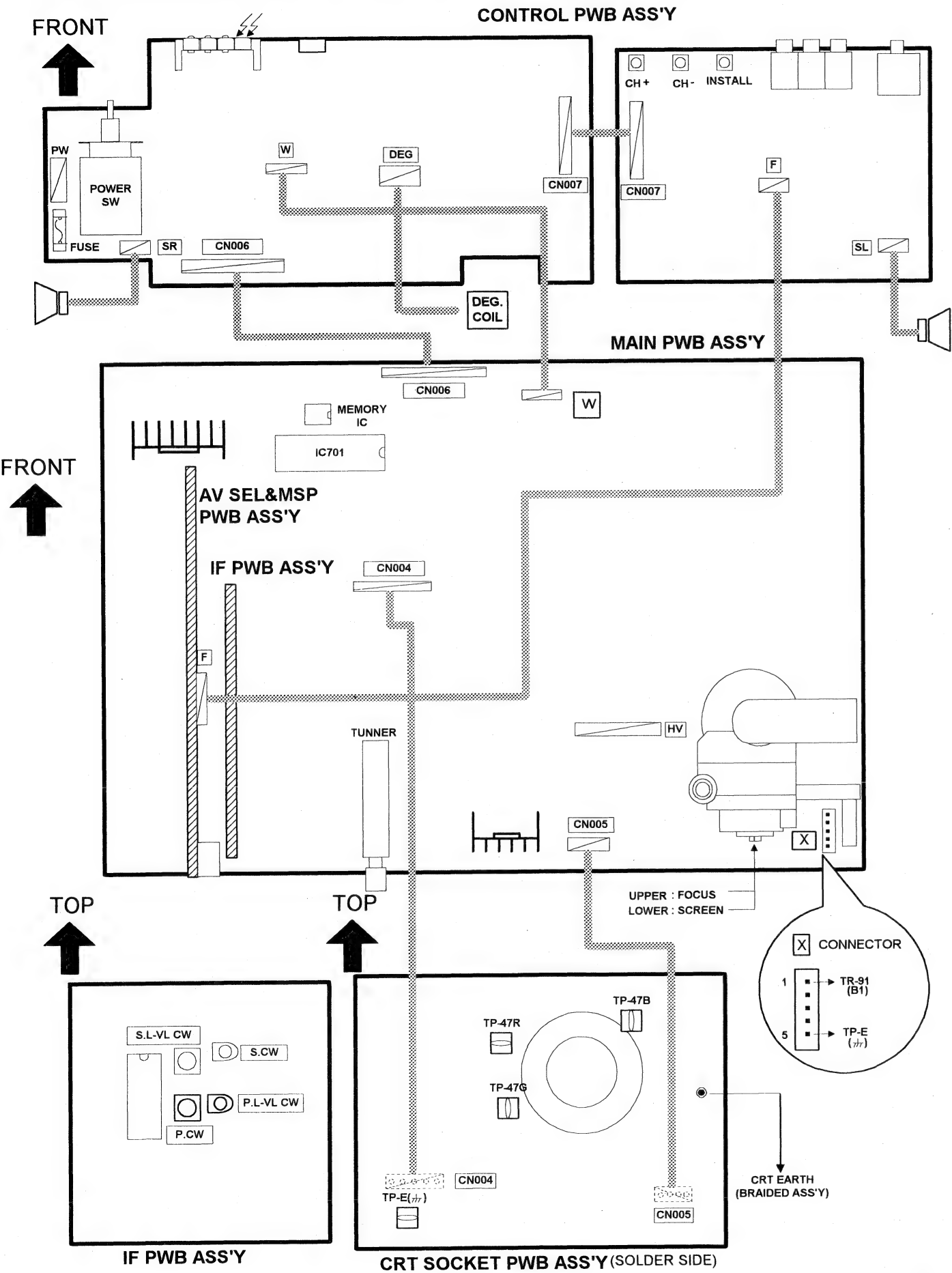
ICs

 <p>TDA7263M</p>	 <p>LA7841</p>	 <p>M37204ECSP CF70200NW CF72306 TC4053BP TB1227N TA8859CP MC44604P TA8865BN MSP3410B-PP-F7 BA4558F-W</p>
 <p>AN7812F AN7809F</p>	 <p>L78LR05E-MA</p>	 <p>AN7805PI</p>
 <p>TLP721F TLP621B</p>	 <p>AT24C1625TS2EN AT24C1625TS2EK AT24C1625TS2PF</p>	 <p>SE135N</p>

AV-29TS2EN
AV-29TS2EK
AV-29TS2PF

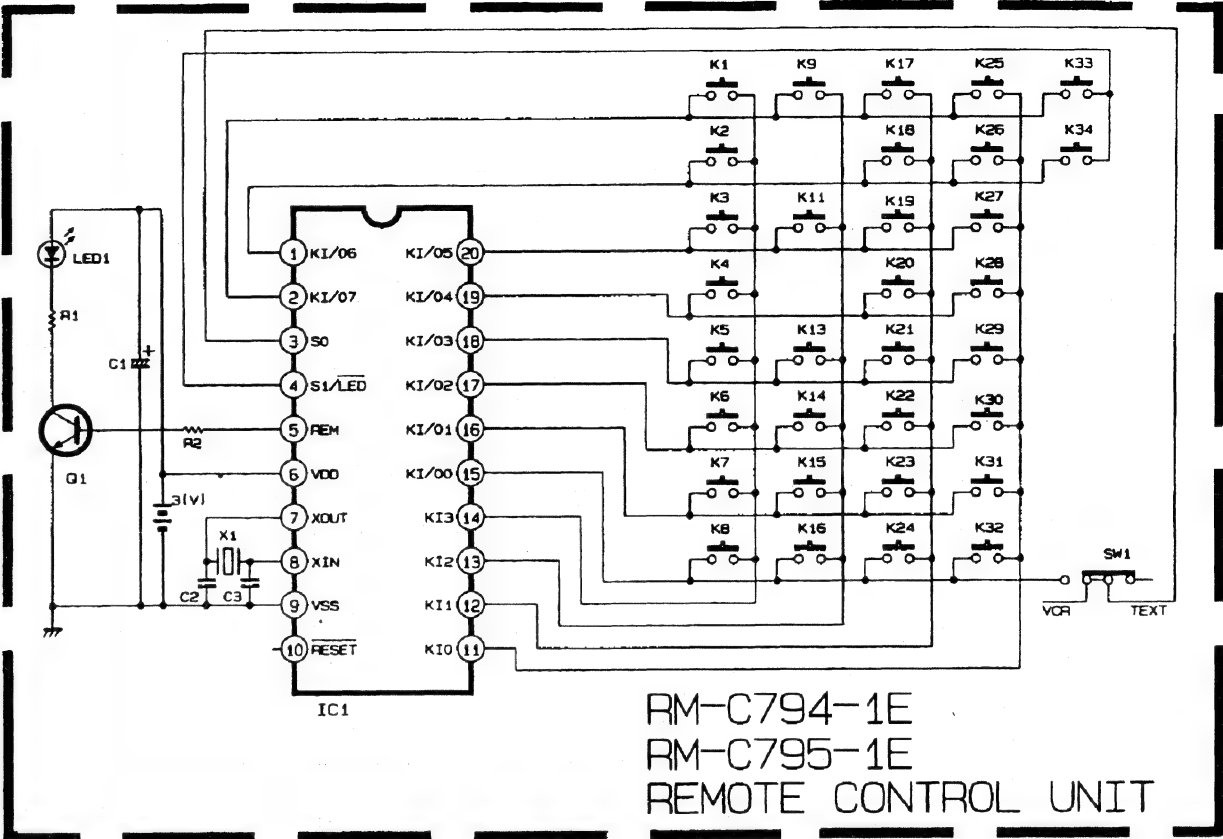
AV-29TS2EN
AV-29TS2EK
AV-29TS2PF

MAIN PARTS LOCATION AND ALIGNMENTS LOCATION



No.51204

REMOTE CONTROL TRANSMITTER CIRCUIT DIAGRAM
(AV-29TS2EN,AV-29TS2PF:RM-C795-1E) (AV-29TS2EK:RM-C794-1E)



KEY FUNCTION

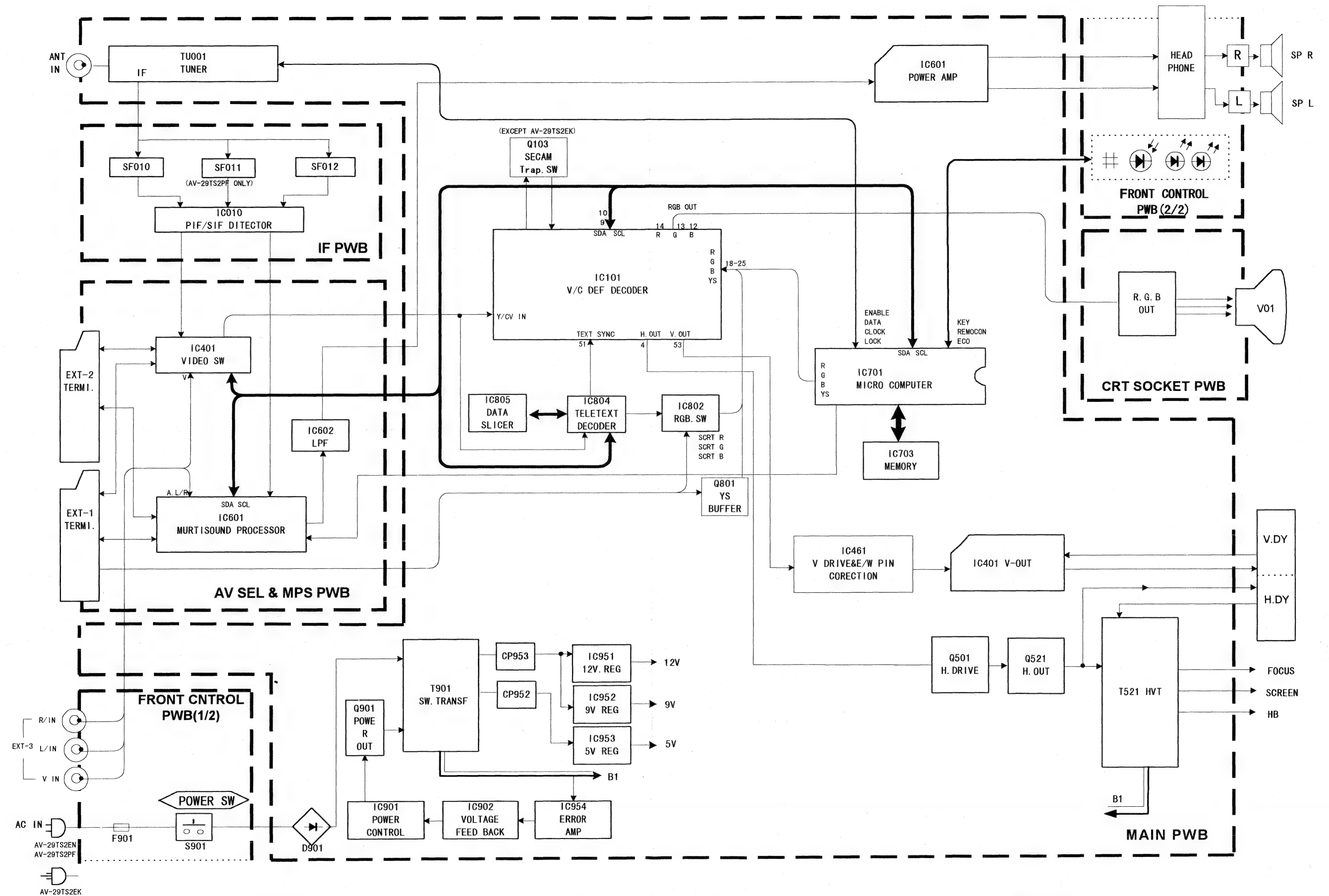
No.	Key Name	No.	Key Name	No.	Key Name	No.	Key Name
1	1	14	3D	22	MODE (TEXT)	29	CANCEL (TEXT)
2	2	15	P.BASS		REW ◀ (VCR)		STOP ■ (VCR)
3	3	16	PIP	23	SIZE (TEXT)	30	INDEX (TEXT)
4	4	17	Ⓜ		FF ▶▶ (VCR)		⏻/⏿ (VCR)
5	5	18	REVEAL (TEXT)	24	SUB PAGE(TEXT)	31	▲
6	6		PLAY ▶ (VCR)		P V (VCR)	32	◀
7	7	19	TV	25	⏻	33	▼
8	8	20	MENU/OK	26	STORE (TEXT)	34	▶
9	9	21	HOLD (TEXT)		(VCR)		
11	0		P Λ (VCR)	27	⏻/⏿		
13	ZOOM			28	☰		

No.51204

AV-29TS2EN
AV-29TS2EK
AV-29TS2PF

AV-29TS2EN
AV-29TS2EK
AV-29TS2PF

BLOCK DIAGRAM



AV-29TS2EN
AV-29TS2EK
AV-29TS2PF

AV-29TS2EN
AV-29TS2EK
AV-29TS2PF

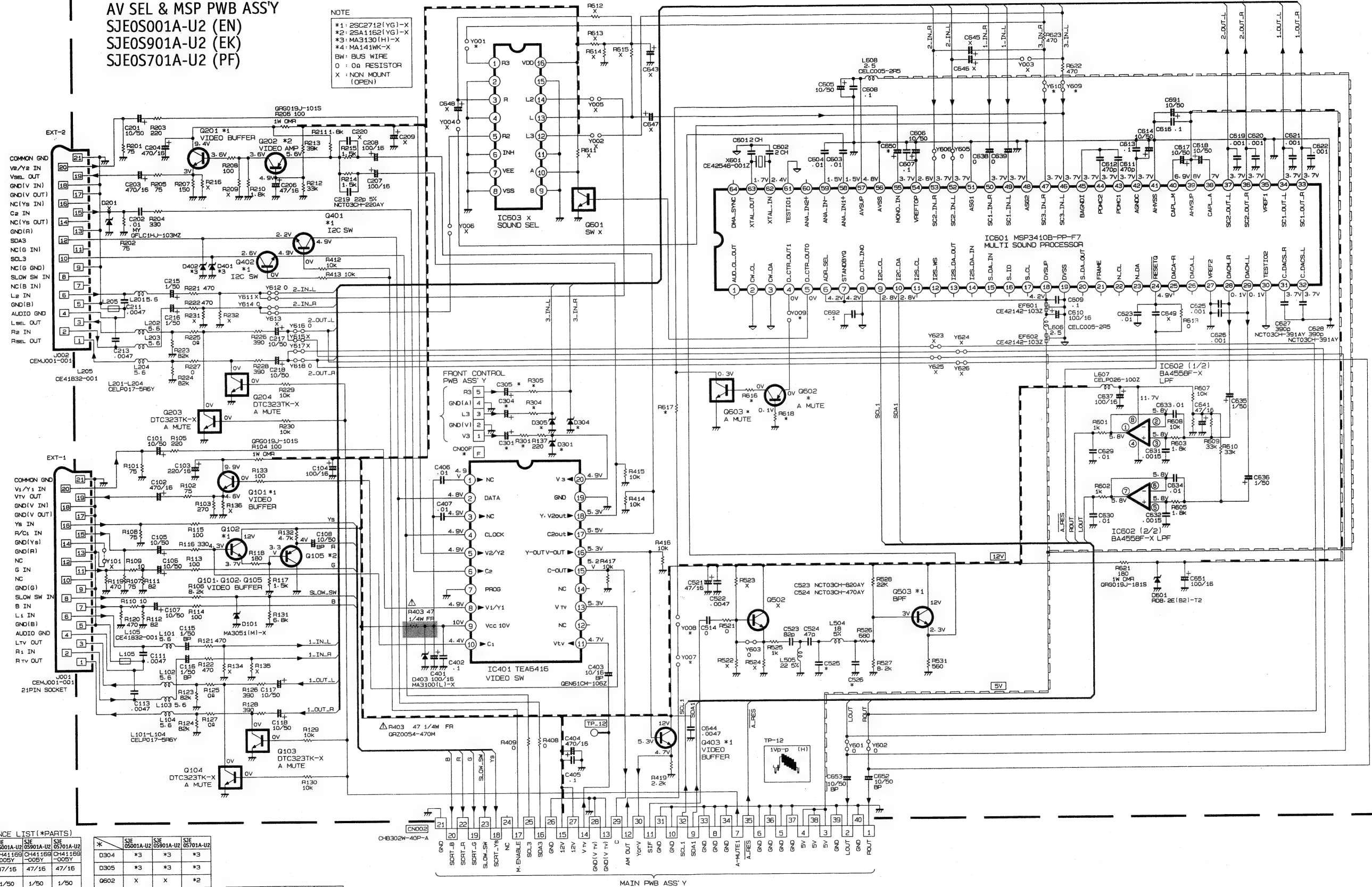
AV SEL. & MSP PWB CIRCUIT DIAGRAM

Refer to the following PWB pattern : AV SEL. & MSP PWB PATTERN page 3-21 .

AV SEL & MSP PWB ASS'Y
SJE0S001A-U2 (EN)
SJE0S901A-U2 (EK)
SJE0S701A-U2 (PF)

NOTE

*1: 2SC2712(YG)-X
*2: 2SA1162(YG)-X
*3: MA3130(H)-X
*4: MA141MK-X
BW: BUS WIRE
O: 0Ω RESISTOR
X: NON MOUNT (OPEN)



DIFFERENCE LIST(*PARTS)

* SJE05001A-U2	* SJE05901A-U2	* SJE05701A-U2
CN00F	CH41166-005Y	CH41166-005Y
C301	47/15	47/15
C304	1/50	1/50
C305	1/50	1/50
R301	0	0
R304	0	0
R305	0	0
D301	*3	*3

* SJE05001A-U2	* SJE05901A-U2	* SJE05701A-U2
D304	*3	*3
D305	*3	*3
G602	X	X
G603	X	X
R616	X	X
R617	X	X
R618	X	X
C650	X	X

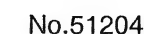
* SJE05001A-U2	* SJE05901A-U2	* SJE05701A-U2
Y007	X	X
Y008	X	X
Y009	X	X
C525	NCT03CH-470AY	NCT03CH-470AY

* SJE05001A-U2	* SJE05901A-U2	* SJE05701A-U2
C526	NCT03CH-180AY	NCT03CH-180AY
Y609	0	0
Y610	0	0

* SJE05001A-U2	* SJE05901A-U2	* SJE05701A-U2
Y001	X	X

AV-29TS2EN
AV-29TS2EK
AV-29TS2PF

Refer to the following PWB pattern. : MAIN PWB PATTERN page 3-23~3-24 .

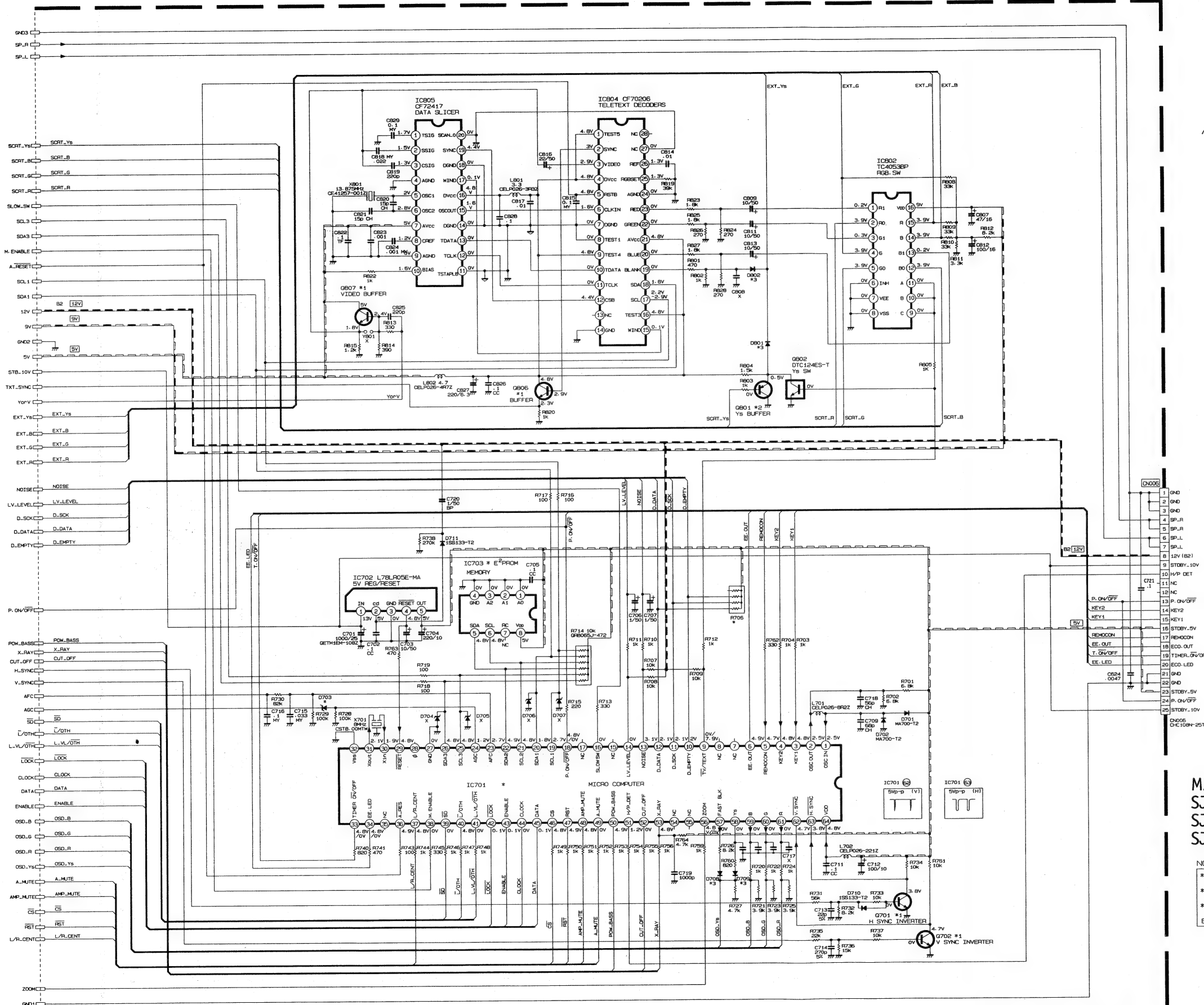


AV-29TS2EN
AV-29TS2EK
AV-29TS2PF

AV-29TS2EN
AV-29TS2EK
AV-29TS2PF

MAIN PWB CIRCUIT DIAGRAM

Refer to the following PWB pattern. : MAIN PWB PATTERN page 3-23 ~ 3-24 .



DIFFERENCE LIST (*PARTS)

P2-11~2-12

* PARTS	AV-29TS2EK	AV-29TS2EN	AV-29TS2PF
IC701	SJE-1901A-U2 M37204M C-C405P	SJE-1001A-U2 M37204M C-C405P	SJE-1704A-U2 M37204M C-C405P
R706	X	X	X
IC703	AT24C16 25TS2EK	AT24C16 25TS2EN	AT24C16 25TS2PF
D703	MT233.6 (A)-T2	X	X

P2-9~2-10

* PARTS	AV-29TS2EK	AV-29TS2EN	AV-29TS2PF
TU001	SJE-1901A-U2 M37204M C-C405P	SJE-1001A-U2 M37204M C-C405P	SJE-1704A-U2 M37204M C-C405P
R125	BW	470	470
L103	X	CELPO26 -330Z	CELPO26 -330Z
Q103	X	DTC124 ESA-T	DTC124 ESA-T
C128	X	QCT25CH -390Z	QCT25CH -390Z
R955	ORG029J -180	ORG029J -180	ORG029J -180
D608	X	X	X
H005	CH42862 -00H	CH42862 -00H	CH42862 -00H
L551	CELPO26 -330Z	CELPO26 -330Z	CELPO26 -330Z
R970	12K	12K	12K
D465	MTZ322 (C)-T2	MTZ322 (C)-T2	MTZ322 (C)-T2
D466	MTZ322 (C)-T2	MTZ322 (C)-T2	MTZ322 (C)-T2
R484	1K	1K	1K
R601	47	47	47
R602	47	47	47
R614	0	0	0
C469	.01	.01	.01
R414	2.7	2.7	2.7
IC602	X	X	X
R617	X	X	X
C613	X	X	X
C614	X	X	X
C615	X	X	X
R691	100	100	100
R692	100	100	100
R615	0	0	0
CN001	X	X	X
C962	QEH81VM -108M	QEH81VM -108M	QEH81VM -108M
R417	ORG019J -101S	ORG019J -101S	ORG019J -101S
R483	ORG039J -330A	ORG039J -330A	ORG039J -330A
T551	CELPO26 -330Z	CELPO26 -330Z	CELPO26 -330Z
L521	CELLO11 -002J1	CELLO11 -002J1	CELLO11 -002J1
R510	ORG029J -182	ORG029J -182	ORG029J -182
R693	100K	100K	100K
R511	ORG029J -222	ORG029J -222	ORG029J -222
C521	QF20117 -4001L	QF20117 -4001L	QF20117 -4001L
C522	QF20117 -9501L	QF20117 -9501L	QF20117 -9501L
C523	QF20194 -364	QF20194 -364	QF20194 -364
C524	QF20194 -684S	QF20194 -684S	QF20194 -684S
C525	QF20119 -154S	QF20119 -154S	QF20119 -154S
C531	QF20119 -154S	QF20119 -154S	QF20119 -154S
ΔFR953	X	X	X
ΔFR954	QRH017K -R82M	QRH017K -R82M	QRH017K -R82M
R911	6.8K	6.8K	6.8K
R918	5.6K	5.6K	5.6K
D959	BW	BW	BW
T901	CETS083 -001J7	CETS083 -001J7	CETS083 -001J7
R906	QRM059J -R27	QRM059J -R27	QRM059J -R27
C919	.001	.001	.001
R953	X	X	X
R919	12K	12K	12K
Y953	X	X	X
R556	6.8K	6.8K	6.8K
R557	8.2K	8.2K	8.2K
IC401	LA7845N	LA7845N	LA7845N
R694	100K	100K	100K

MAIN PWB ASS'Y
SJE-1001A-U2 (EN) (2/2)
SJE-1901A-U2 (EK) (2/2)
SJE-1704A-U2 (PF) (2/2)

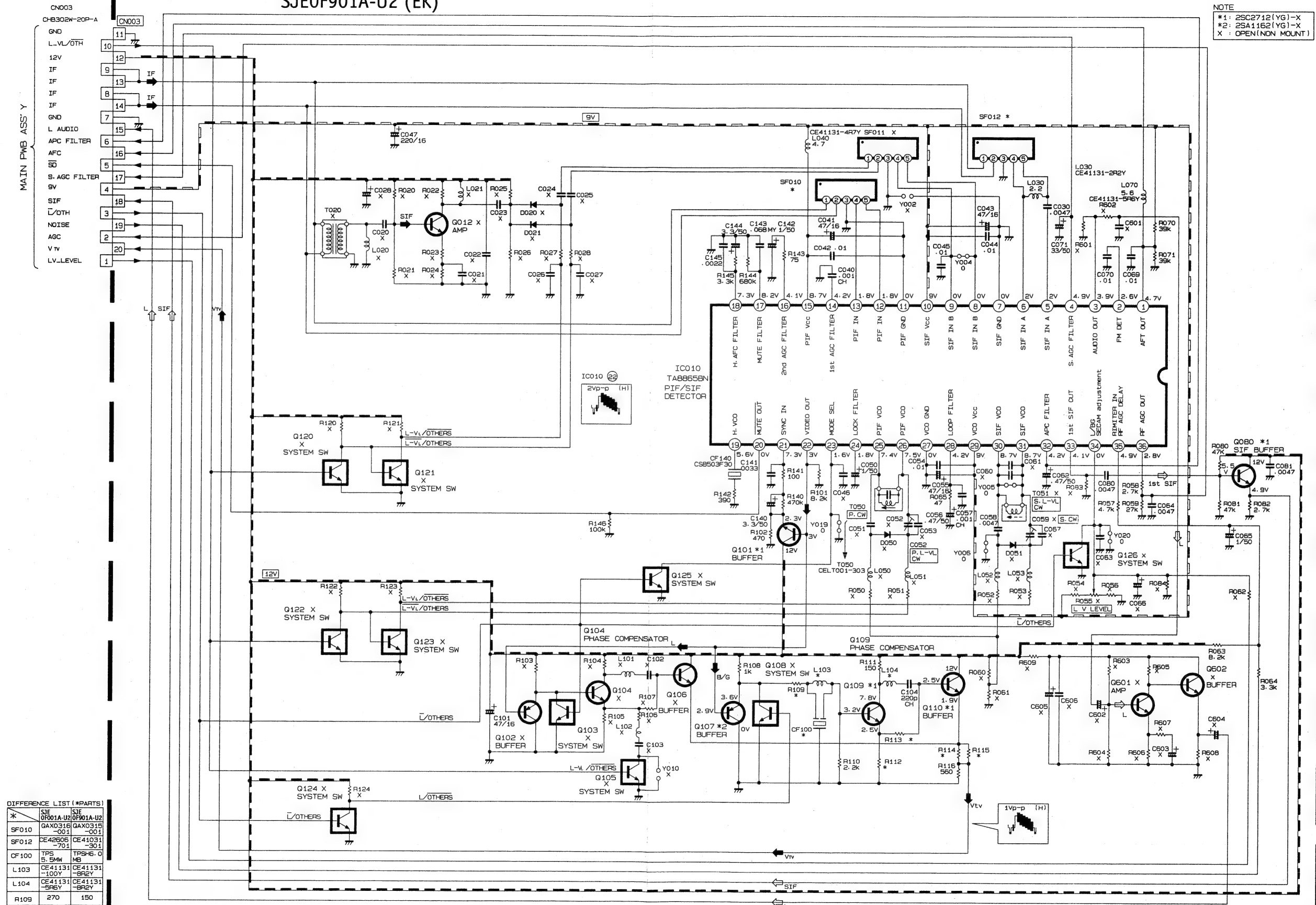
NOTE
*1: 2SC1815(YG)-T
/2PC1815(YG)-T
*2: 2SA1015(YG)-T
/2PA1015(YG)-T
*3: 1SS133-T2
X: OPEN (NON MOUNT)
BW: BUS WIRE

AV-29TS2EN
AV-29TS2EK

Refer to the following PWB pattern. : IF PWB PATTERN page 3-27 .

NOTE

*1: 2SC2712(YG)-X
*2: 2SA1162(YG)-X
X : OPEN(NON MOUNT)



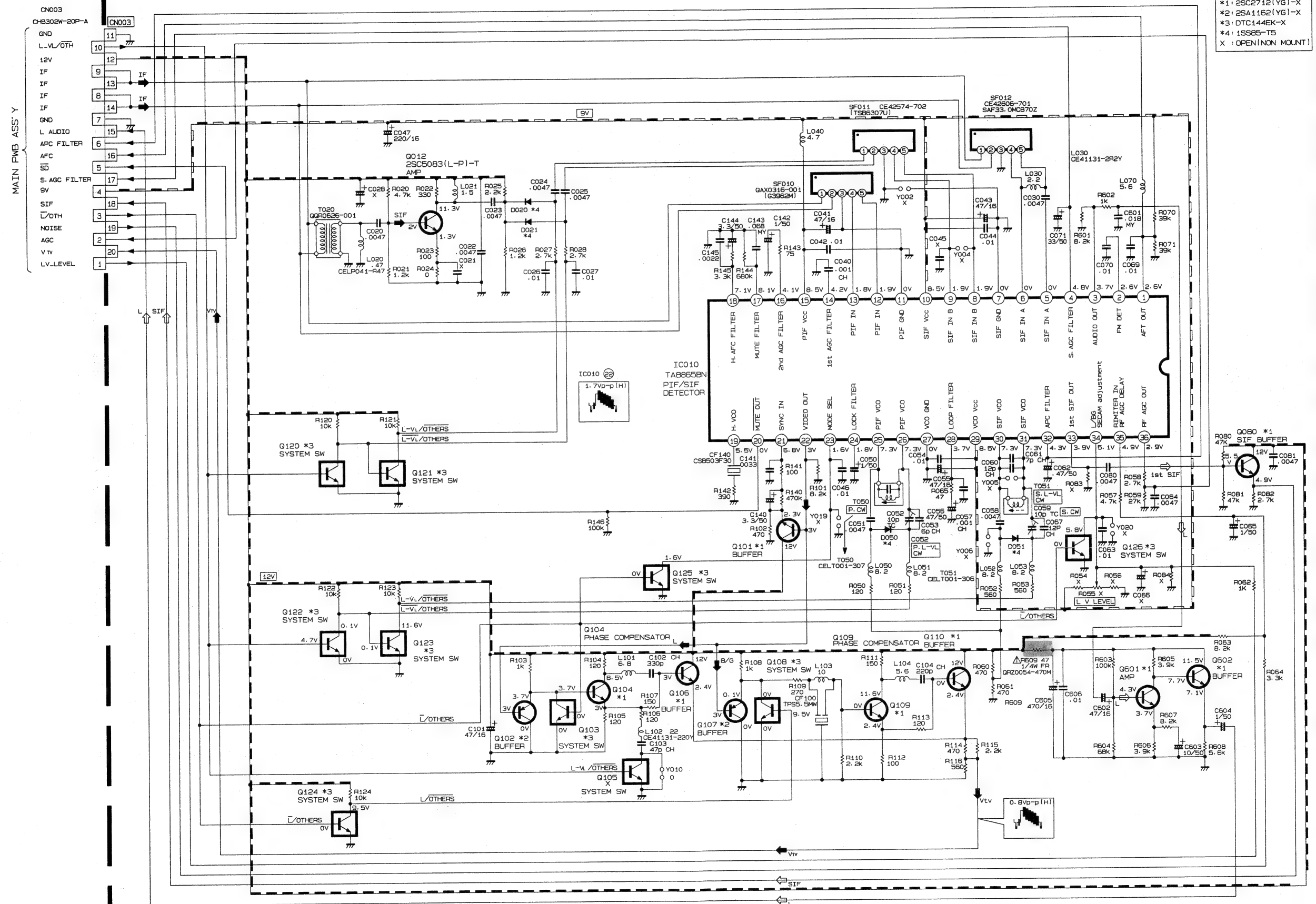
DIFFERENCE LIST (*PARTS			
* #	SJE 0F001A-U2	SJE 0F901A-U2	
SF010	GAX0316 001	GAX0315 001	
SF012	CE42505 701	CE41033 701	
CF100	TPS 5.5MM	TPS-M MB	
L103	CE41131 -100Y	CE41131 -BR2Y	
L104	CE41131 -5B6Y	CE41131 -BR2Y	
R109	270	150	
R112	100	150	
R113	120	270	
R114	470	330	
R115	2.2k	x	

IF PWB CIRCUIT DIAGRAM

Refer to the following PWB pattern : IF PWB PATTERN page 3-27 .

For AV-29TS2PF

IF PWB ASS'Y SJE0F701A-U2 (PF)



NOTE

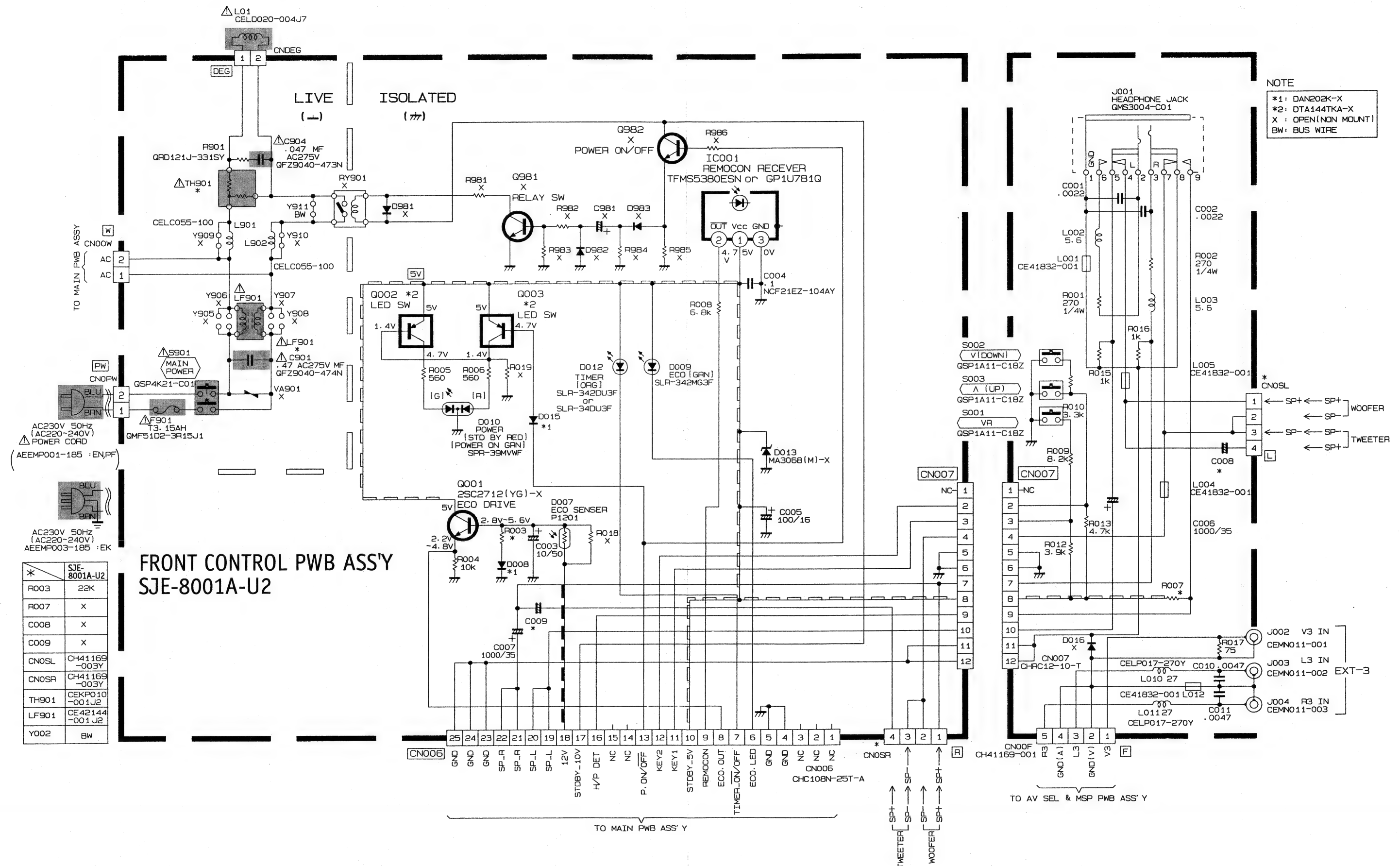
- *1: 2SC2712(YG)-X
- *2: 2SA1162(YG)-X
- *3: DTC144EK-X
- *4: 1SS85-T5
- X : OPEN (NON MOUNT)

AV-29TS2EN
AV-29TS2EK
AV-29TS2PF

AV-29TS2EN
AV-29TS2EK
AV-29TS2PF

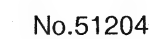
FRONT CONTROL PWB CIRCUIT DIAGRAM

Refer to the following PWB pattern. : CRT SOKET PWB PATTERN page 3-25 ~ 3-26 .



AV-29TS2EN
AV-29TS2EK
AV-29TS2PF

Refer to the following PWB pattern. : CRT SOCKET PWB PATTERN page 3-28 .



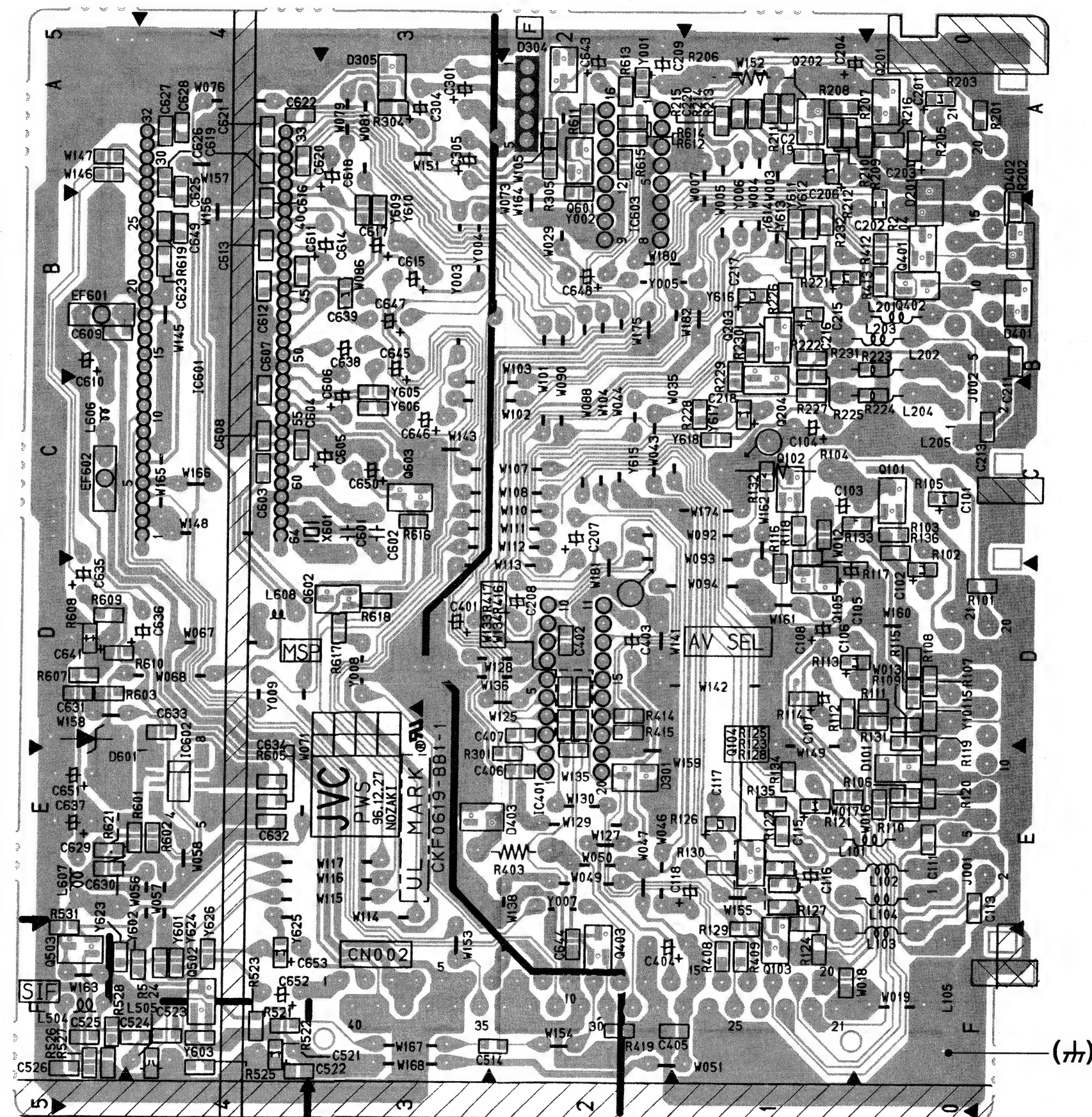
AV SEL & MSP PWB PATTERN

[AV-29TS2EN : SJE0S001A-U2]
[AV-29TS2EK : SJE0S901A-U2]
[AV-29TS2PF : SJE0S701A-U2]

AV-29TS2EN
AV-29TS2EK
AV-29TS2PF

AV-29TS2EN
AV-29TS2EK
AV-29TS2PF

(Magnification Rate 150%)



MAIN PWB PATTERN

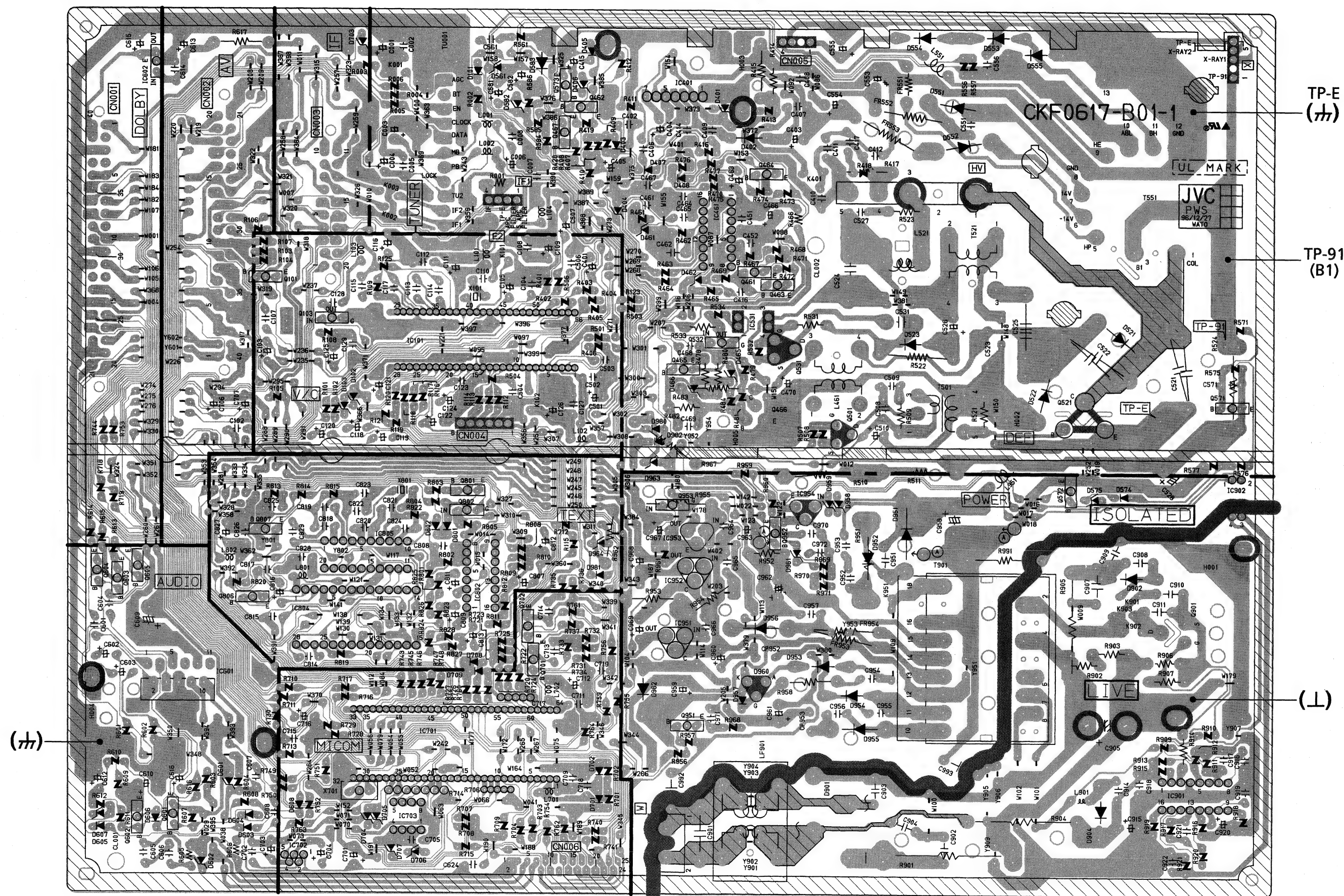
[AV-29TS2EN : SJE-1001A-U2]
[AV-29TS2EK : SJE-1901A-U2]
[AV-29TS2PF : SJE-1704A-U2]

AV-29TS2EN
AV-29TS2EK
AV-29TS2PF

AV-29TS2EN
AV-29TS2EK
AV-29TS2PF

↓ FRONT

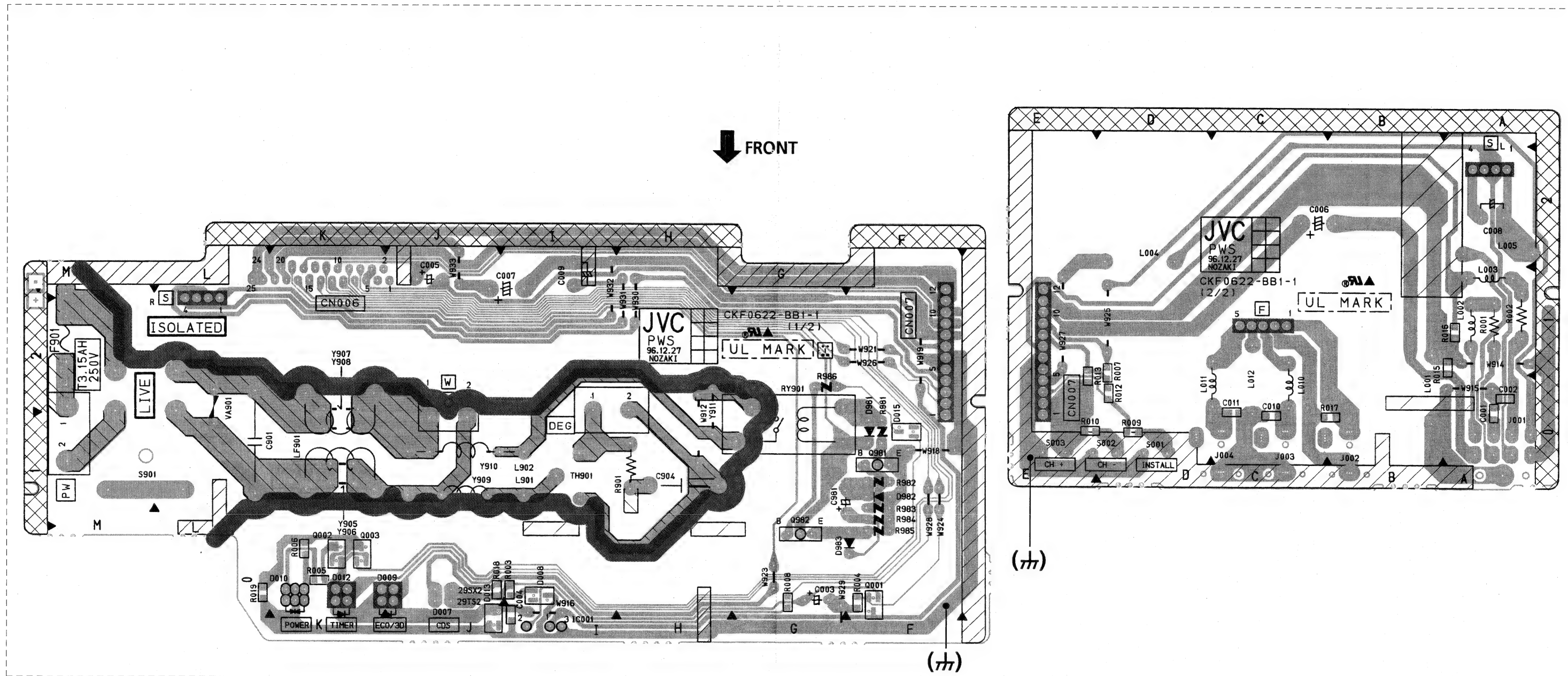
(Magnification Rate 95%)



FRONT CONTROL PWB PATTERN

(SJE-8001A-U2)

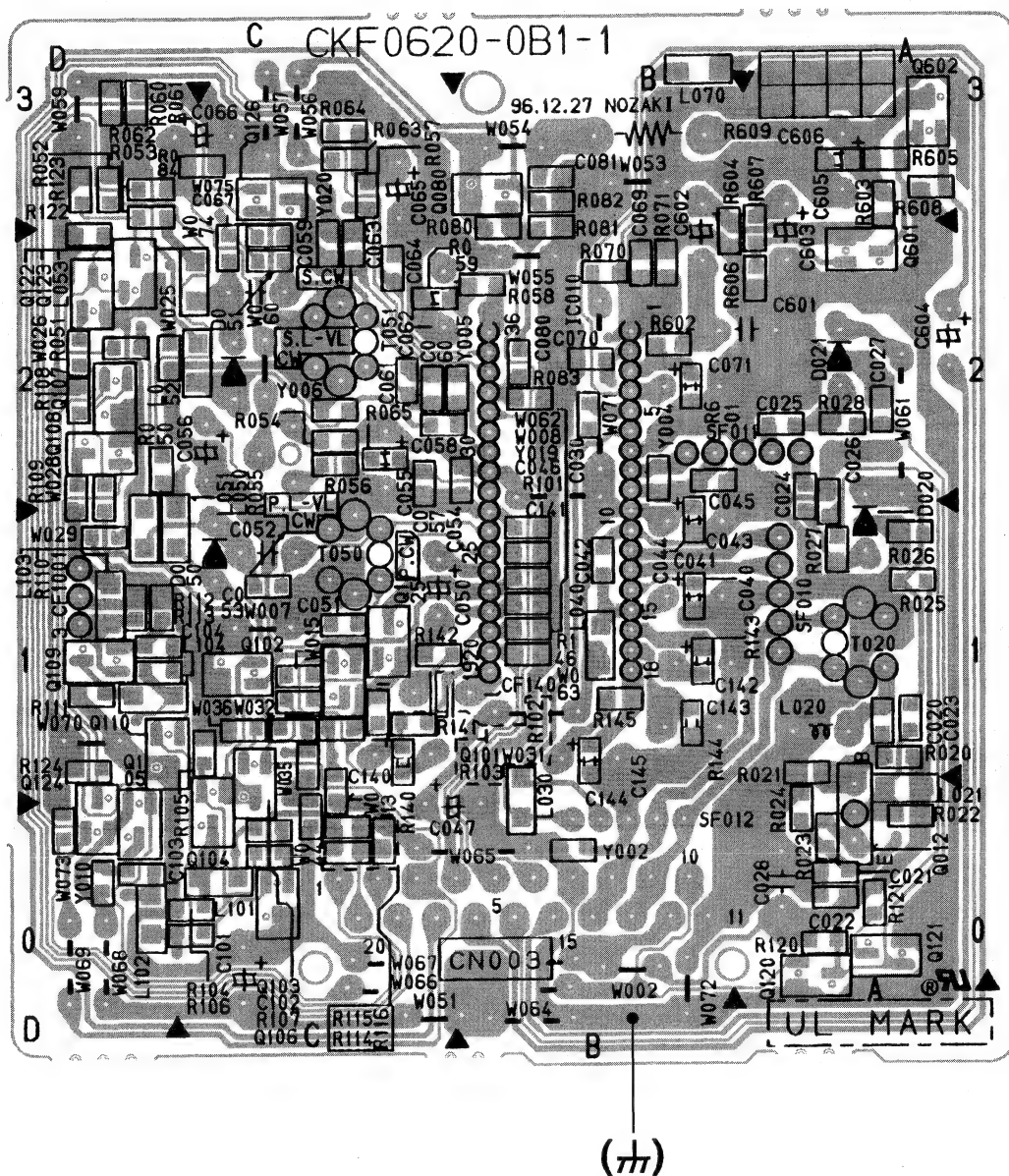
(Magnification Rate 113%)



IF PWB PATTERN

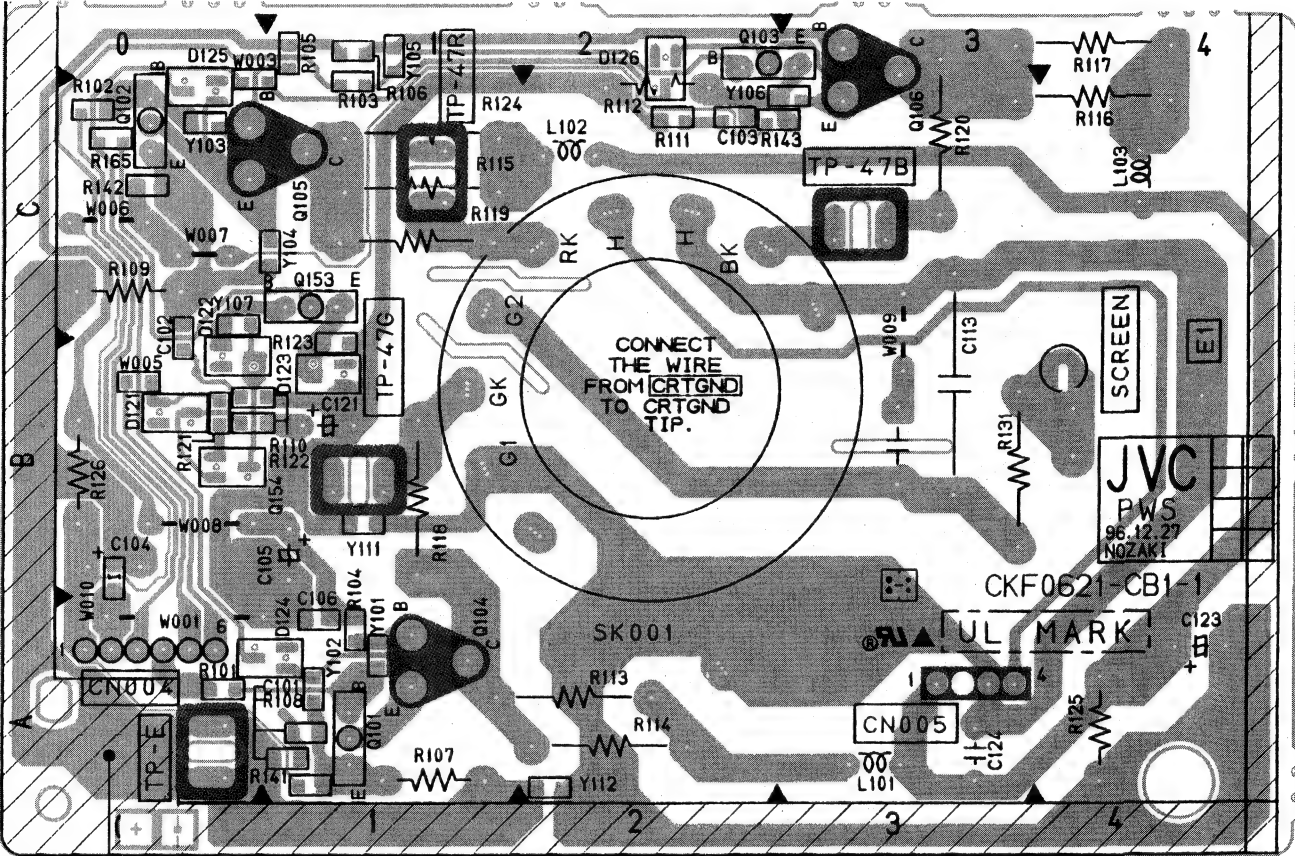
[AV-29TS2EN : SJE0F001A-U2]
[AV-29TS2EK : SJE0F901A-U2]
[AV-29TS2PF : SJE0F701A-U2]

(Magnification Rate 150%)



CRT SOCKET PWB PATTERN (SJE-3001A-U2)

(Magnification Rate 136%)



(mm)

PARTS LIST

CAUTION

- The parts identified by the \triangle symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety .
- The parts not indicated in this Parts List and those which are filled with lines — in the Parts No. columns will not be supplied .
- P. W. Board Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied .
- As a rule, the resistors and capacitors which are indicated as shown in "HOW TO EXPRESS PARTS NUMBERS OF STANDARD PARTS" are not shown in the list of the parts on the board .

When ordering the service parts, confirm the resistance/rated power, capacitance/rated voltage, and type of the parts, then order by the part No. indicated according to "HOW TO EXPRESS PARTS NUMBERS OF STANDARD PARTS" .

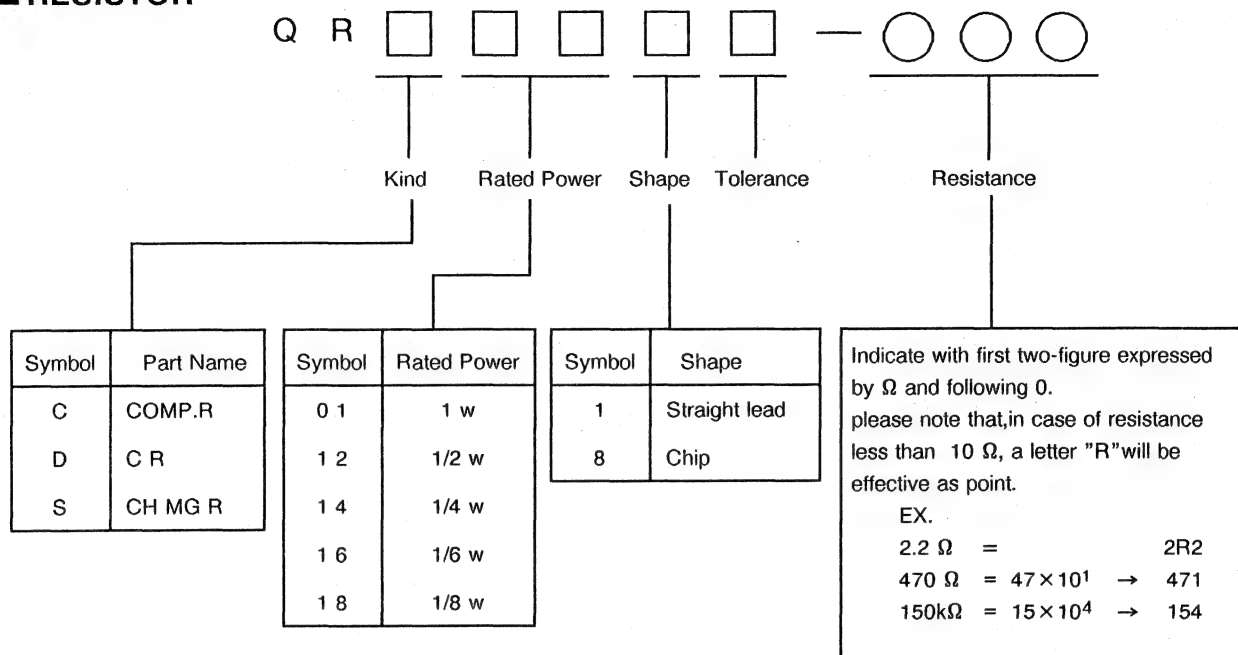
ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
C R	Carbon Resistor	C CAP.	Ceramic Capacitor
F R	Fusible Resistor	E CAP.	Electrolytic Capacitor
P R	Plate Resistor	M CAP.	Mylar Capacitor
V R	Variable Resistor	HV CAP.	High Voltage Capacitor
HV R	High Voltage Resistor	MF CAP.	Metalized Film Capacitor
MF R	Metal Film Resistor	MM CAP.	Metalized Mylar Capacitor
MG R	Metal Glazed Resistor	MP CAP.	Metalized Polystyrol Capacitor
MP R	Metal Plate Resistor	PP CAP.	Polypropylene Capacitor
OM R	Metal Oxide Film Resistor	PS CAP.	Polystyrol Capacitor
CMF R	Coating Metal Film Resistor	TF CAP.	Thin Film Capacitor
UNF R	Non-Flammable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH V R	Chip Variable Resistor	TAN. CAP.	Tantalum Capacitor
CH MG R	Chip Metal Glazed Resistor	CH C CAP.	Chip Ceramic Capacitor
COMP. R	Composition Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

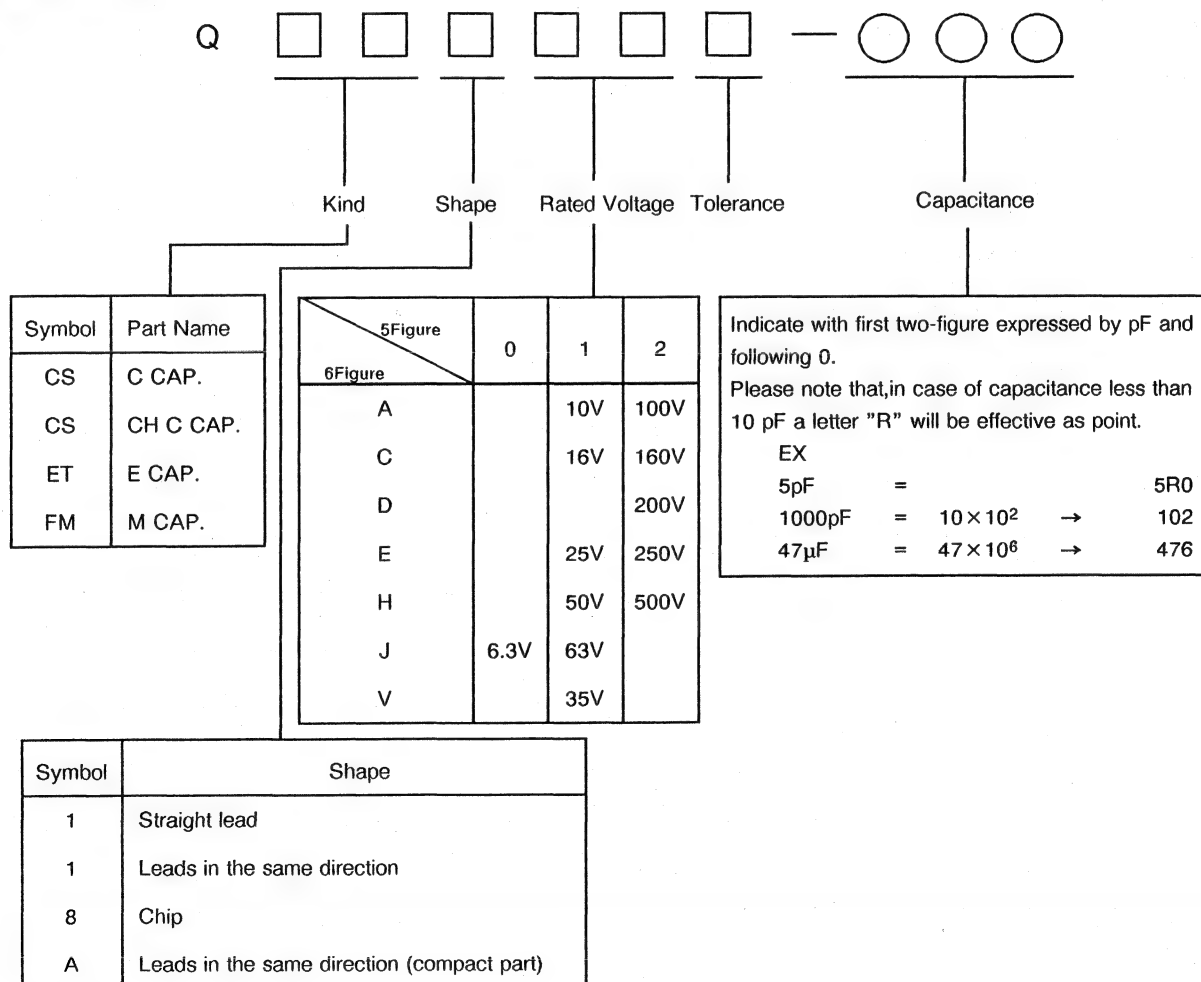
TOLERANCES									
F	G	J	K	M	N	R	H	Z	P
$\pm 1\%$	$\pm 2\%$	$\pm 5\%$	$\pm 10\%$	$\pm 20\%$	$\pm 30\%$	+ 30% - 10%	+ 50% - 10%	+ 80% - 20%	+ 100% - 0%

HOW TO EXPRESS PARTS NUMBERS OF STANDARD PARTS

■ RESISTOR



■ CAPACITOR



CONTENTS

■ USING PRINTED WIRING BOARD ASS'Y No.	4-3
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[AV-29TS2EN]

■ EXPLODED VIEW PARTS LIST	4-4
■ REMOTE CONTROL UNIT	4-4
■ EXPLODED VIEW	4-5
■ PRINTED WIRING BOARD ASS'Y PARTS LIST	4-6
■ PACKING	4-15
■ PACKING PARTS LIST	4-15

[AV-29TS2EK]

■ EXPLODED VIEW PARTS LIST	4-16
■ REMOTE CONTROL UNIT	4-16
■ EXPLODED VIEW	4-17
■ PRINTED WIRING BOARD ASS'Y PARTS LIST	4-18
■ PACKING	4-27
■ PACKING PARTS LIST	4-27

[AV-29TS2PF]

■ EXPLODED VIEW PARTS LIST	4-28
■ REMOTE CONTROL UNIT	4-28
■ EXPLODED VIEW	4-29
■ PRINTED WIRING BOARD ASS'Y PARTS LIST	4-30
■ PACKING	4-40
■ PACKING PARTS LIST	4-40

USING PRINTED WIRING BOARD ASS'Y No.

MODEL No. PRINTED WIRING BOARD ASS'Y No.	AV-29TS2EN	AV-29TS2EK	AV-29TS2PF
MAIN PWB ASS'Y	SJE-1001A-U2	SJE-1901A-U2	SJE-1704A-U2
AV SEL & MSP PWB ASS'Y	SJE0S001A-U2	SJE0S901A-U2	SJE0S701A-U2
FRONT CONTROL PWB ASS'Y	SJE-8001A-U2	←	←
IF PWB ASS'Y	SJE0F001A-U2	SJE0F901A-U2	SJE0F701A-U2
CRT SOKET PWB ASS'Y	SJE-3001A-U2	←	←

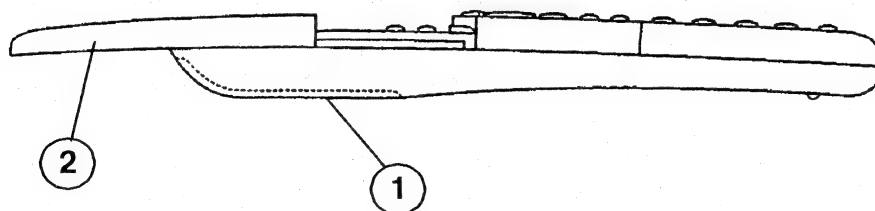
AV-29TS2EN

EXPLODED VIEW PARTS LIST

△ Ref.No.	Part No.	Part Name	Description	Local
△ V01	A68ESF002X011	PICTURE TUBE(ITC)		*
△ L01	CELD020-004J7	DEGAUSSING COIL		*
△ T1551	CETH019-00AJ1	H.V.TRANSF.	(SERVICE)	*
△ 1	CM12798-002-E	REAR COVER		*
2	GBSA4016N	TAPPING SCREW	(×10)	*
3	CM12933-A01-E	CHASSIS BASE		*
4	CM12784-003-E	AV TERMINAL BASE		*
5	CM12912-A01-E	CONTROL BASE		*
6	CHFB125-12BD	FFC WIRE		*
7	CEBSS12D-04KJ2	SPEAKER	SP01,SP02	*
8	CHGB0010-BF	BRAIDED WIRE		*
9	CHGB0011-0B-FE	SUB BRAIDED WIRE		*
△ 10	AEEMP001-185	POWER CORD		*
△ 11	CM47016-001-H	CORD CLAMP		*
△ 12	CM23156-A01-E	RATING LABEL	For GBR/GER/ITA	*
△ 13	CM23157-001-E	RATING LABEL	For GBR/ESP	*
100	CM12909-A0B-E	FRONT CABI ASSY	Inc.No.101~110	*
101	CM12911-B01-E	SPEAKER PANEL	(×2)	
102	CM36561-001	POWER KNOB		
103	CM35110-003	SPRING		
104	CM23120-A02-E	CONTROL WINDOW		
105	CM48006-A03-H	JVC MARK		
106	CM23119-A01-E	DOOR		
107	CM48001-00A	DOOR LATCH		
108	CM36562-002-E	CONTROL SHEET		
109	CM36246-001-H	E.E.WINDOW		
110	CM36247-A01-H	REMOCON WINDOW		

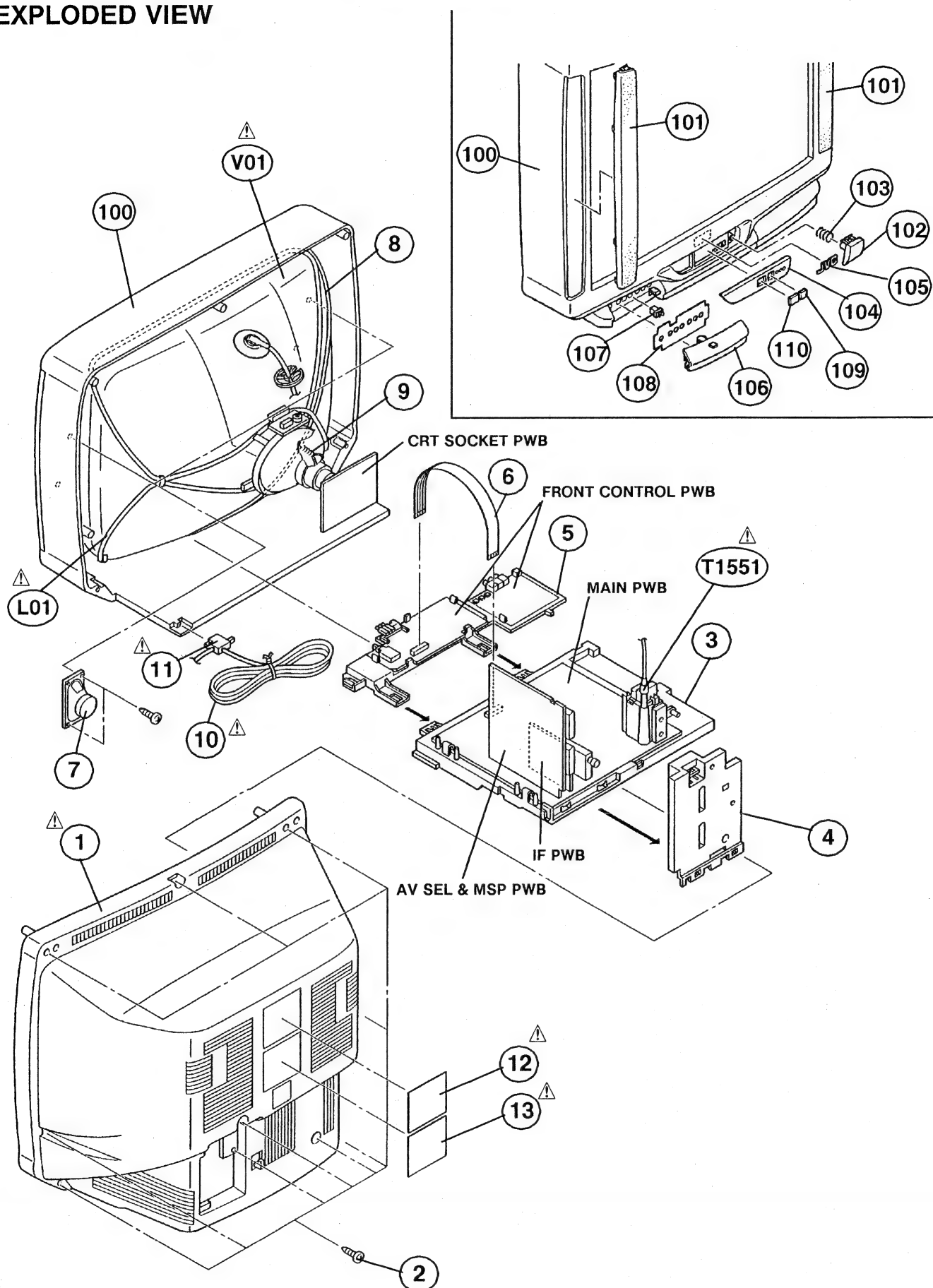
REMOTE CONTROL UNIT

△ Symbol No.	Part No.	Part Name	Description	Local
1	BGV110201A	BATTERY COVER		
2	BGV110303A	SLIDE COVER		



AV-29TS2EN

EXPLODED VIEW



AV-29TS2EN

AV-29TS2EN

PRINTED WIRING BOARD ASS'Y PARTS LIST

MAIN PW BOARD ASS'Y [SJE-1001A-U2]

△ Symbol No.	Part No.	Part Name	Description	Local
R E S I S T O R				
R1001	QRD12CJ-474SX	C R	470k Ω 1/2W J	*
R1417	QRG019J-101S	OM R	100 Ω 1W J	*
△ R1466	QRD14CJ-2R2SX	C R	2.2 Ω 1/4W J	*
R1483	QRG039J-330A	OM R	33 Ω 3W J	*
R1510	QRG029J-182	OM R	1.8k Ω 2W J	*
R1511	QRG029J-222	OM R	2.2k Ω 2W J	*
R1522	QRG029J-103	OM R	10k Ω 2W J	*
R1524	QRF074K-3R3	UNF R	3.3 Ω 7W K	*
△ R1585	QRV141F-2941AY	MF R	2.94k Ω 1/4W F	*
△ R1586	QRV141F-1582AY	MF R	15.8k Ω 1/4W F	*
R1714	QRB065J-472	NETW.R	4.7k Ω 6W J	*
R1901	QRF104K-3R9	UNF R	3.9 Ω 10W K	*
R1904	QRG039J-333	OM R	33k Ω 3W J	*
R1905	QRG039J-473	OM R	47k Ω 3W J	*
R1906	QRM059J-R27	MP R	0.27 Ω 5W J	*
R1951	QRF074J-102	UNF R	1k Ω 7W J	*
R1954	QRG019J-120S	OM R	12 Ω 1W J	*
R1955	QRG029J-180	OM R	18 Ω 2W J	*
R1958	QRG029J-473A	OM R	47k Ω 2W J	*
R1962	QRG019J-121S	OM R	120 Ω 1W J	*
R1967	QRG029J-223	OM R	22k Ω 2W J	*
△ R1991	QRZ0057-825	C R	8.2M Ω 1W J	*
C A P A C I T O R				
C1001	QETN1HM-226Z	E CAP.	22 μ F 50V M	*
C1003	QETN1CM-108Z	E CAP.	1000 μ F 16V M	*
C1004	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C1005	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1006	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C1007-08	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1102	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1103	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C1104	QFLC1HJ-223MZ	M CAP.	0.022 μ F 50V J	*
C1105	QETN1HM-475Z	E CAP.	4.7 μ F 50V M	*
C1109	QETN1CM-108Z	E CAP.	1000 μ F 16V M	*
C1110	QCT25CH-120Z	C CAP.	12 p F 50V J	*
C1111	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C1113-15	QFLC1HJ-104MZ	M CAP.	0.1 μ F 50V J	*
C1116	QETN1HM-225Z	E CAP.	2.2 μ F 50V M	*
C1117	QFLC1HJ-103MZ	M CAP.	0.01 μ F 50V J	*
C1118-20	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C1121	QETN1HM-475Z	E CAP.	4.7 μ F 50V M	*
C1122	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C1124	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C1125	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C1126	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C1128	QCT25CH-390Z	C CAP.	39 p F 50V J	*
C1401	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C1402	QFLC1HJ-152MZ	M CAP.	1500 p F 50V J	*
C1403	QETB1VM-108	E CAP.	1000 μ F 35V M	*
C1404	QETN1VM-107Z	E CAP.	100 μ F 35V M	*
C1405	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C1407-08	QFLC1HJ-104MZ	M CAP.	0.1 μ F 50V J	*
C1409	QFLC2AJ-393MZ	M CAP.	0.039 μ F 100V J	*
C1410	QFLC2AJ-563MZ	M CAP.	0.056 μ F 100V J	*
C1414	QFLC1HJ-152MZ	M CAP.	1500 p F 50V J	*
C1415	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C1417	QFV71HJ-154MZ	TF CAP.	0.15 μ F 50V J	*
C1462	QFP31HG-333S	PP CAP.	0.033 μ F 50V G	*
C1463	QEM61EK-225MZ	E CAP.	2.2 μ F 25V K	*
C1464	QFV71HJ-184MZ	TF CAP.	0.18 μ F 50V J	*

AV-29TS2EN

△ Symbol No.	Part No.	Part Name	Description	Local
CAPACITOR				
C1465	QFV71HJ-823MZ	TF CAP.	0.082 μ F 50V J	*
C1466	QETN1CM-108Z	E CAP.	1000 μ F 16V M	*
C1467	QFLC1HJ-104MZ	M CAP.	0.1 μ F 50V J	*
C1468-69	QFLC1HJ-103MZ	M CAP.	0.01 μ F 50V J	*
C1470	QEM61HK-475MZ	E CAP.	4.7 μ F 50V K	*
C1501	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C1507	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C1510	QEH2CM-105MZ	E CAP.	1 μ F 160V M	*
△ C1521	QFZ0117-4001L	MPP CAP.	4000 p F 1.5kVH \pm 2.5%	*
△ C1522	QFZ0117-9501L	MPP CAP.	9500 p F 1.5kVH \pm 2.5%	*
△ C1523	QFP32GJ-223M	PP CAP.	0.022 μ F 400V J	*
C1524	QFZ0194-364	MPP CAP.	0.36 μ F 250V J	*
△ C1525	QFZ0119-684S	MPP CAP.	0.68 μ F 200V \pm 3%	*
C1526	QEH2CM-475MZ	E CAP.	4.7 μ F 250V M	*
C1528	QETM2CM-227	E CAP.	220 μ F 160V M	*
△ C1531	QFZ0119-154S	MPP CAP.	0.15 μ F 200V \pm 3%	*
C1553	QEH1EM-108MZ	E CAP.	1000 μ F 25V M	*
C1554	QETN1EM-108Z	E CAP.	1000 μ F 25V M	*
C1555	QETN2EM-106Z	E CAP.	10 μ F 250V M	*
C1556	QFV71HJ-104MZ	TF CAP.	0.1 μ F 50V J	*
C1561	QFLC1HJ-103MZ	M CAP.	0.01 μ F 50V J	*
C1581	QETN1AM-227Z	E CAP.	220 μ F 10V M	*
C1582	QETN2AM-106Z	E CAP.	10 μ F 100V M	*
C1601	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1602-03	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C1604	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1605-08	QFV71HJ-224MZ	TF CAP.	0.22 μ F 50V J	*
C1610	QETN1CM-228Z	E CAP.	2200 μ F 16V Z	*
C1612	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C1615	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1702	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1703	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C1704	QETN1AM-227Z	E CAP.	220 μ F 10V M	*
C1705	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1706-07	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C1709	QCT25CH-680Z	C CAP.	68 p F 50V J	*
C1711	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1712	QETN1AM-107Z	E CAP.	100 μ F 10V M	*
C1715	QFLC1HJ-333MZ	M CAP.	0.033 μ F 50V J	*
C1716	QFLC1HJ-104MZ	M CAP.	0.1 μ F 50V J	*
C1718	QCT25CH-560Z	C CAP.	56 p F 50V J	*
C1721	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1807	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C1809	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C1811	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C1812	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C1813	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C1815	QFLC1HJ-104MZ	M CAP.	0.1 μ F 50V J	*
C1816	QETN1HM-226Z	E CAP.	22 μ F 50V M	*
C1818	QFLC1HJ-223MZ	M CAP.	0.022 μ F 50V J	*
C1820-21	QCT25CH-150Z	C CAP.	15 p F 50V J	*
C1822	QFV71HJ-104MZ	TF CAP.	0.1 μ F 50V J	*
C1824	QFLC1HJ-102MZ	M CAP.	1000 p F 50V J	*
C1826	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1827	QETN0JM-227Z	E CAP.	220 μ F 6.3V M	*
C1828	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1829	QFLC1HJ-104MZ	M CAP.	0.1 μ F 50V J	*
△ C1902	QCZ9034-472A	C CAP.	4700 p FAC400V P	*
△ C1903	QCZ9034-472A	C CAP.	4700 p FAC400V P	*
△ C1904	QCZ9034-472A	C CAP.	4700 p FAC400V P	*
C1905	QEZ0167-227M	E CAP.	220 μ F 385V M	*
C1908	QCZ0122-151A	C CAP.	150 p F 2000V K	*
C1910	QCZ0122-221A	C CAP.	220 p F 2000V K	*
C1911	QCZ0122-391A	C CAP.	390 p F 2000V K	*
C1915	QETN1EM-107Z	E CAP.	100 μ F 25V M	*
C1917	QFLC1HJ-102MZ	M CAP.	1000 p F 50V J	*

AV-29TS2EN

AV-29TS2EN

△ Symbol No.	Part No.	Part Name	Description	Local
CAPACITOR				
C1918	QFLC1HJ-104MZ	M CAP.	0.1 μ F 50V	J *
C1920	QETN1HM-105Z	E CAP.	1 μ F 50V	M *
C1921	QFLC1HJ-102MZ	M CAP.	1000 p F 50V	J *
C1951	QCZ0122-221A	C CAP.	220 p F 2000V	K *
C1952-53	QCZ0132-102AZ	C CAP.	1000 p F 500V	K *
C1958	QEZ0203-227	E CAP.	220 μ F 160V	M *
C1959	QEZ0125-228R	E CAP.	2200 μ F 25V	M *
C1960	QEHCIAM-477MZ	E CAP.	470 μ F 10V	M *
C1961	QETN1EM-108Z	E CAP.	1000 μ F 25V	M *
C1962	QEH81VM-108M	E CAP.	1000 μ F 35V	M *
C1963	QEN61CM-106Z	BP E CAP.	10 μ F 16V	M *
C1964-66	QCZ0120-104MZ	C CAP.	0.1 μ F 25V	Z *
C1967	QEHCIAM-227MZ	E CAP.	220 μ F 10V	M *
C1968-69	QETN1CM-227Z	E CAP.	220 μ F 16V	M *
C1971-72	QFV71HJ-104MZ	TF CAP.	0.1 μ F 50V	J *
△ C1992	QCZ9041-471A	C CAP.	470 p FAC400V	K *
△ C1993	QCZ9041-332A	C CAP.	3300 p FAC400V	M *
TRANSFORMER				
T1501	CE42034-002	H.DRIVE TRANSF.		*
T1521	CE42549-001J1	BRIGE COIL		*
△ T1901	CETS083-001J7	SW TRANSF.		*
COIL				
L1001	CELP026-270Z	PEAKING COIL	27 μ H	*
L1002-04	CELP026-8R2Z	PEAKING COIL	8.2 μ H	*
L1101-02	CELP026-4R7Z	PEAKING COIL	4.7 μ H	*
L1103	CELP026-330Z	PEAKING COIL	33 μ H	*
L1461	CE42567-001J1	INJECTION COIL		*
L1521	CELL011-002J1	LINEARITY COIL		*
L1551	CELC901-086J6	HEATER CHOKE		*
L1701	CELP026-8R2Z	PEAKING COIL	8.2 μ H	*
L1702	CELP026-4R7Z	PEAKING COIL	4.7 μ H	*
L1801	CELP026-3R3Z	PEAKING COIL	3.3 μ H	*
L1802	CELP026-4R7Z	PEAKING COIL	4.7 μ H	*
L1901	CELC005-2R5J7	CHOKE COIL		*
L1951	CELC901-046J6	HEATER CHOKE		*
DIODE				
D1101	1SS133-T2	SI.DIODE		*
D1402	1N4003-T2	SI.DIODE		*
D1404	MTZJ9.1(C)-T2	ZENER DIODE		*
D1405	1SS133-T2	SI.DIODE		*
D1406	MTZJ22(B)-T2	ZENER DIODE		*
D1407	1SS133-T2	SI.DIODE		*
D1461	MTZJ3.9(B)-T2	ZENER DIODE		*
D1462	MTZJ12(C)-T2	ZENER DIODE		*
D1465-66	MTZJ22(C)-T2	ZENER DIODE		*
D1521	BY228-20	SI.DIODE		*
D1522	BYW95B-20	SI.DIODE		*
D1523	BYD33G-T3	SI.DIODE		*
D1551-52	BYW95B-20	SI.DIODE		*
D1553-54	BYD33G-T3	SI.DIODE		*
D1555	BYD33D-T3	SI.DIODE		*
D1561	MTZJ9.1(B)-T2	ZENER DIODE		*
D1582	MA4068(N)C1-T2	ZENER DIODE		*
D1583	BYD33D-T3	SI.DIODE		*
D1601-02	MTZJ33(A)-T2	ZENER DIODE		*
D1603-07	1SS133-T2	SI.DIODE		*
D1701-02	MA700-T2	SI.DIODE		*
D1708-09	1SS133-T2	SI.DIODE		*
D1711	1SS133-T2	SI.DIODE		*
D1801-02	1SS133-T2	SI.DIODE		*
△ D1901	D3SBA60	DIODE BRIDGE		*
D1902	BYD33M-T3	SI.DIODE		*
D1904	BYD33D-T3	SI.DIODE		*

AV-29TS2EN

△ Symbol No.	Part No.	Part Name	Description	Local
D I O D E				
D1951	RU4B-C1	SI.DIODE		*
D1952	BYD33M-T3	SI.DIODE		*
D1953	BYD33G-T3	SI.DIODE		*
D1954	BYD33D-T3	SI.DIODE		*
D1955-56	BYW95B-20	SI.DIODE		*
D1957	1SS146-T2	SI.DIODE		*
D1958	MTZJ7.5(B)-T2	ZENER DIODE		*
D1960	MCR22-6	S C R		*
D1961	MTZJ15(B)-T2	ZENER DIODE		*
D1962	BYD33D-T3	SI.DIODE		*
D1963	MTZJ33(B)-T2	ZENER DIODE		*
D1964	MTZJ5.1(B)-T2	ZENER DIODE		*
D1980-82	1SS133-T2	SI.DIODE		*
T R A N S I S T O R				
Q1101	2PA1015(YG)-T	SI.TRANSISTOR		*
Q1103	DTC124ESA-T	DIGI.TRANSISTOR		*
Q1461-65	2PC1815(YG)-T	SI.TRANSISTOR		*
Q1466	2SD1408(OY)-LB	SI.TRANSISTOR		*
Q1467	2PC1815(YG)-T	SI.TRANSISTOR		*
Q1501	BSN274	F.E.T.		*
△ Q1521	BU2508AX	POWER TRANSISTOR	H.OUT	*
Q1531	IRF620	F.E.T.		*
Q1532	DTC124ES-T	DIGI.TRANSISTOR		*
Q1573	2PC1815(YG)-T	SI.TRANSISTOR		*
Q1601	2PC1815(YG)-T	SI.TRANSISTOR		*
Q1602	2PA1015(YG)-T	SI.TRANSISTOR		*
Q1701-02	2PC1815(YG)-T	SI.TRANSISTOR		*
Q1801	2PA1015(YG)-T	SI.TRANSISTOR		*
Q1802	DTC124ES-T	DIGI.TRANSISTOR		*
Q1806-07	2PC1815(YG)-T	SI.TRANSISTOR		*
Q1901	MTA4N60E	F.E.T.		*
Q1951	2PC1815(YG)-T	SI.TRANSISTOR		*
Q1952	2SC2240(GB)-T	SI.TRANSISTOR		*
Q1953	DTC124ES-T	DIGI.TRANSISTOR		*
I C				
IC1101	TB1227AN	I C		
IC1401	LA7845N	I C		
IC1461	TA8859CP	I C		*
IC1531	TLP621(B)	I.C.(PH.COUPLER)		*
IC1601	TDA7263M	I C		*
IC1701	M37204MC-C40SP	I C		
IC1702	L78LR05E-MA	I.C.(MONO-ANA)		*
IC1703	AT24C1625TS2EN	I.C.	(SERVICE)	
IC1802	TC4053BP	I.C.(DIGI-MOS)		*
IC1804	CF70206	I.C.(DIGI-MOS)		*
IC1805	CF72417	I.C.(DIGI-MOS)		*
IC1901	MC44604P	I C		*
△ IC1902	TLP721F(D4-GR)	I.C.(PH.COUPLER)		*
IC1951	AN7812F	I.C.(MONO-ANA)		
IC1952	AN7809F	I.C.(MONO-ANA)		
IC1953	KIA7805PI	I.C.(MONO-ANA)		*
IC1954	SE135N	I.C.(HYBRID)		*
O T H E R S				
	CM48279-001-E	SHIELD PLATE		*
CN1006	CHC108N-25T-AE	FFC CONNECTOR		*
△ CP1952	ICP-N50-Y	I.C.PROTECT		*
△ CP1953	ICP-N50-Y	I.C.PROTECT		*
△ FR1551	QRZ0054-4R7M	F R	4.7 Ω 1/4W J	*
△ FR1552	QRH017J-1R0M	F R	1 Ω 1W J	*
△ FR1553	QRH017J-1R0M	F R	1 Ω 1W J	*
△ FR1954	QRH017K-R82M	F R	0.82 Ω 1W K	*
K1001	CE41433-001Z	BEADS CORE		*
K1002-04	CE41433-001	BEADS CORE		*

AV-29TS2EN

△ Symbol No.	Part No.	Part Name	Description	Local
O T H E R S				
K1101	CE41433-001Z	BEADS CORE		*
K1401	CE41433-001Z	BEADS CORE		*
K1902	CE42050-001Z	CORE		*
TU1001	CEEK481-B01	TUNER		*
W1259	CELP026-8R2Z	PEAKING COIL	8.2 μ H	*
W1318	CELP026-8R2Z	PEAKING COIL	8.2 μ H	*
X1101	QAX0305-001Z	X TAL		*
X1701	CST8.00MTW	CER.RESONATOR		*
X1801	CE41257-001Z	CRYSTAL		*

CRT SOCKET PW BOARD ASS'Y [SJE-3001A-U2]

△ Symbol No.	Part No.	Part Name	Description	Local
R E S I S T O R				
R3113	QRG029J-153A	OM R	15k Ω 2W J	*
R3114	QRG029J-183A	OM R	18k Ω 2W J	*
R3115-16	QRG029J-153A	OM R	15k Ω 2W J	*
R3117	QRG029J-183A	OM R	18k Ω 2W J	*
R3118-20	QRZ0107-102Z	C R	1k Ω 1/2W K	*
R3124	QRG029J-183A	OM R	18k Ω 2W J	*
R3131	QRZ0107-474Z	C R	470k Ω 1/2W K	*
C A P A C I T O R				
C3101-02	NCT03CH-271AY	CHIP CAP.	270 p F 50V J	*
C3103	NCB21HK-331AY	CHIP CAP.	330 p F 50V K	*
C3104	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C3105	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C3106	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F 25V Z	*
C3113	QCZ0121-102A	C CAP.	1000 p F 3000V Z	*
C3121	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C3123	QETM2EM-336	E CAP.	33 μ F 250V M	*
C O I L				
L3101-03	CELP026-181Z	PEAKING COIL	180 μ H	*
D I O D E				
D3121	DAN202K-X	DIODE ARRAY		*
D3123	MA3068(M)-X	ZENER DIODE		*
D3124-26	DAN202K-X	DIODE ARRAY		*
T R A N S I S T O R				
Q3101-03	2PC1815(YG)-T	SI.TRANSISTOR		*
Q3104-06	2SC4544-C1	SI.TRANSISTOR		*
Q3153	2PC1815(YG)-T	SI.TRANSISTOR		*
Q3154	2SA1162(YG)-X	SI.TRANSISTOR		*
O T H E R S				
△ SK3001	CE42535-001J1	C.R.T.SOCKET		*

AV-29TS2EN

FRONT CONTROL PW BOARD ASS'Y [SJE-8001A-U2]

△ Symbol No.	Part No.	Part Name	Description	Local
CAPACITOR				
C8001-02	NCB21HK-222AY	CHIP CAP.	2200 p F 50V K	*
C8003	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C8004	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F 25V Z	*
C8005	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C8006-07	QEU51VM-108M	E CAP.	1000 μ F 35V M	*
C8010-11	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
△ C8901	QFZ9040-474N	MF CAP.	0.47 μ FAC275V M	*
△ C8904	QFZ9040-473N	MM CAP.	0.047 μ FAC275V M	*
COIL				
L8001	CE41832-001	LEAD CORE		*
L8002-03	CELP017-5R6Y	PEAKING COIL	5.6 μ H	*
L8004-05	CE41832-001	LEAD CORE		*
L8010-11	CELP017-270Y	PEAKING COIL	27 μ H	*
L8012	CE41832-001	LEAD CORE		*
L8901-02	CELC055-100	CHOKE COIL		*
DIODE				
D8007	P1201	C.D.S.		*
D8008	DAN202K-X	DIODE ARRAY		*
D8009	SLR-342MG3F	L.E.D.(GRN)		*
D8010	SPR-39MVWF	L.E.D.		*
D8012	SLR-342DU3F	L.E.D.(ORG)		*
D8013	MA3068(M)-X	ZENER DIODE		*
D8015	DAN202K-X	DIODE ARRAY		*
TRANSISTOR				
Q8001	2SC2712(YG)-X	SI.TRANSISTOR		*
Q8002-03	DTA144TKA-X	DIGI.TRANSISTOR		*
IC				
IC8001	TFMS5380ESN	IFR DETECT UNIT		*
OTHERS				
CN8006	CM36156-A01-E	L.E.D.HOLDER		*
△ F8901	CHC108N-25T-AE	FFC CONNECTOR		*
J8001	QMF51D2-3R15J1	FUSE	3.15A	*
J8002	QMS3004-C01	HEADPHONE JACK		*
J8003	CEMNO11-001	JACK		*
J8004	CEMNO11-002	JACK		*
△ LF8901	CEMNO11-003	JACK		*
	CE42144-001J2	LINE FILTER		*
S8001	QSP1A11-C18Z	PUSH SWITCH	INSTALL	*
S8002	QSP1A11-C18Z	PUSH SWITCH	▽ (DOWN)	*
S8003	QSP1A11-C18Z	PUSH SWITCH	△ (UP)	*
△ S8901	QSP4K21-C01	PUSH SWITCH	MAIN POWER	*
△ TH8901	CEKP010-001J2	W.P.THERMISTOR		*

AV-29TS2EN

IF PW BOARD ASS'Y [SJE0F001A-U2]

△ Symbol No.	Part No.	Part Name	Description	Local
CAPACITOR				
C0030	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0040	NCT03CH-102AY	CHIP CAP.	1000 p F 50V J	*
C0041	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C0042	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0043	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C0044-45	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0047	QETN1CM-227Z	E CAP.	220 μ F 16V M	*
C0050	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C0054	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0055	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C0056	QETN1HM-474Z	E CAP.	0.47 μ F 50V M	*
C0057	NCT03CH-102AY	CHIP CAP.	1000 p F 50V J	*
C0058	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0062	QETN1HM-474Z	E CAP.	0.47 μ F 50V M	*
C0064	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0065	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C0069-70	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0071	QETN1AM-107Z	E CAP.	100 μ F 10V M	*
C0080-81	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0101	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C0104	NCT03CH-221AY	CHIP CAP.	220 p F 50V J	*
C0140	QETN1HM-335Z	E CAP.	3.3 μ F 50V M	*
C0141	NCB21HK-332AY	CHIP CAP.	3300 p F 50V K	*
C0142	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C0143	QETN1HM-474Z	E CAP.	0.47 μ F 50V M	*
C0144	QETN1HM-335Z	E CAP.	3.3 μ F 50V M	*
C0145	NCB21HK-222AY	CHIP CAP.	2200 p F 50V K	*
TRANSFORMER				
T0050	CELT001-303	C.WAVE TRANSF.		*
COIL				
L0030	CE41131-2R2Y	CHIP INDUCTOR		*
L0040	CE41131-4R7Y	CHIP INDUCTOR		*
L0070	CE41131-5R6Y	INDUCTOR		*
L0103	CE41131-100Y	INDUCTOR		*
L0104	CE41131-5R6Y	INDUCTOR		*
TRANSISTOR				
Q0080	2SC2712(YG)-X	SI.TRANSISTOR		*
Q0101	2SC2712(YG)-X	SI.TRANSISTOR		*
Q0107	2SA1162(YG)-X	SI.TRANSISTOR		*
Q0109-10	2SC2712(YG)-X	SI.TRANSISTOR		*
I C				
IC0010	TA8865BN	I.C.(MONO-ANA)		
OTHERS				
CF0100	TPS5.5MW	CERAMIC FILTER		*
CF0140	CSB503F30-T2	CER.RESONATOR		*
SF0010	QAX0316-001	SAW FILTER		*
SF0012	CE42606-701	SAW FILTER		

AV-29TS2EN

AV SEL & MSP PW BOARD ASS'Y [SJE0S001A-U2]

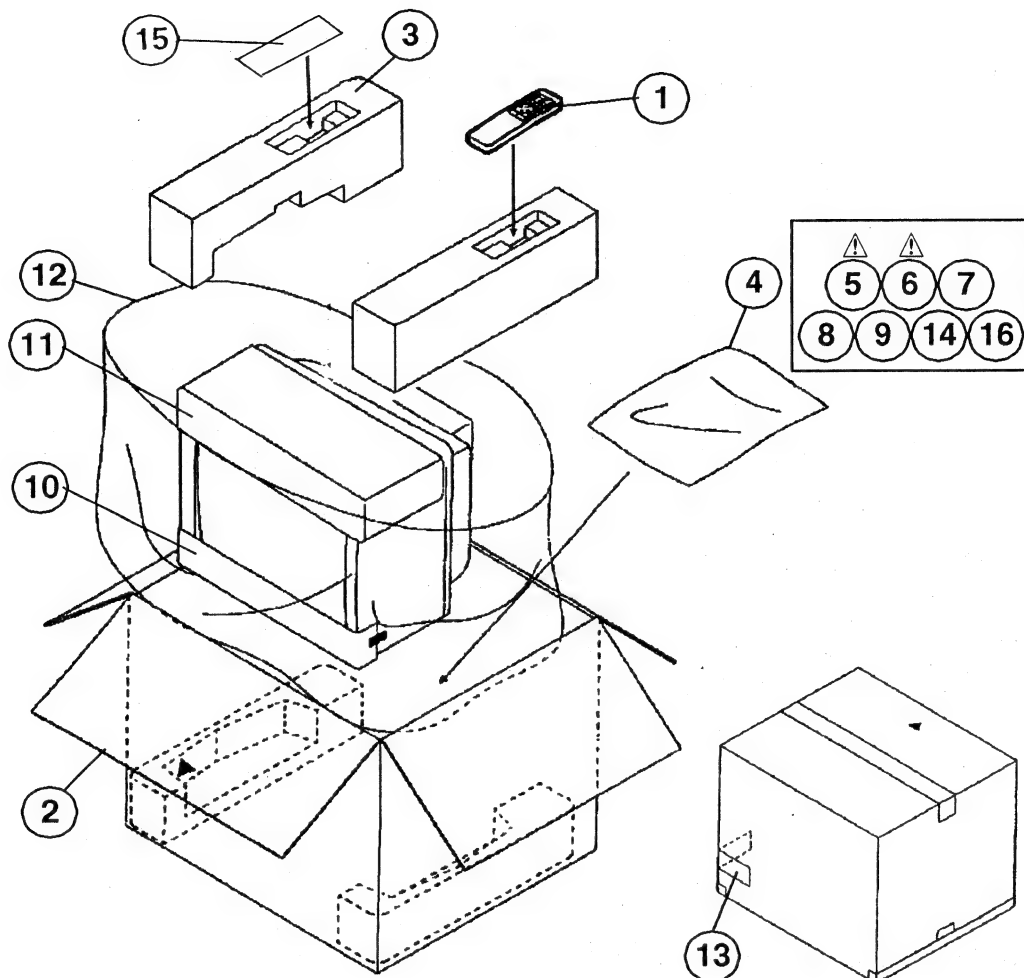
△ Symbol No.	Part No.	Part Name	Description	Local
R E S I S T O R				
R0104	QRG019J-101S	OM R	100 Ω 1W J	*
R0206	QRG019J-101S	OM R	100 Ω 1W J	*
△ R0403	QRZ0054-470M	F R	47 Ω 1/4W J	*
R0621	QRG019J-181S	OM R	180 Ω 1W J	*
C A P A C I T O R				
C0101	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0102	QETN1CM-477Z	E CAP.	470 μ F 16V M	*
C0103	QETN1CM-227Z	E CAP.	220 μ F 16V M	*
C0104	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C0105-08	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0111	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0113	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0115-16	QEN61HM-105Z	BP E CAP.	1 μ F 50V M	*
C0117-18	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0201	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0202	QFLC1HJ-103MZ	M CAP.	0.01 μ F 50V J	*
C0203-04	QETN1CM-477Z	E CAP.	470 μ F 16V M	*
C0206	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C0207-08	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C0211	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0213	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0215-16	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C0217-18	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0219	NCT03CH-220AY	CHIP CAP.	22 p F 50V J	*
C0301	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C0304-05	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C0401	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C0402	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F 25V Z	*
C0403	QEN61CM-106Z	BP E CAP.	10 μ F 16V M	*
C0404	QETN1CM-477Z	E CAP.	470 μ F 16V M	*
C0405	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F 25V Z	*
C0406-07	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0521	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C0522	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0523	NCT03CH-820AY	CHIP CAP.	82 p F 50V J	*
C0524-25	NCT03CH-470AY	CHIP CAP.	47 p F 50V J	*
C0526	NCT03CH-180AY	CHIP CAP.	18 p F 50V J	*
C0601-02	QCT25CH-2R0Z	C CAP.	2 p F 50V J	*
C0603-04	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0605-06	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0607-08	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F 25V Z	*
C0609	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F 25V Z	*
C0610	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C0611-12	NCT03CH-471AY	CHIP CAP.	470 p F 50V J	*
C0613	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F 25V Z	*
C0614	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0616	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F 25V Z	*
C0617-18	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0619-22	NCB21HK-102AY	CHIP CAP.	1000 p F 50V K	*
C0623	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0625-26	NCB21HK-102AY	CHIP CAP.	1000 p F 50V K	*
C0627-28	NCT03CH-391AY	CHIP CAP.	390 p F 50V J	*
C0629-30	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0631-32	NCB21HK-152AY	CHIP CAP.	1500 p F 50V K	*
C0633-34	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0635-36	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C0637	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C0641	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C0644	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0651	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C0652-53	QETN1HM-106Z	E CAP.	10 μ F 50V M	*

AV-29TS2EN

Symbol No.	Part No.	Part Name	Description	Local
C O I L				
L0101-04	CELP017-5R6Y	PEAKING COIL	5.6 μ H	*
L0105	CE41832-001	LEAD CORE		*
L0201-04	CELP017-5R6Y	PEAKING COIL	5.6 μ H	*
L0205	CE41832-001	LEAD CORE		*
L0504	CELP027-180Z	PEAKING COIL	18 μ H	*
L0505	CELP027-220Z	PEAKING COIL	22 μ H	*
L0606	CELC005-2R5J7	CHOKE COIL		*
L0607	CELP026-100Z	PEAKING COIL	10 μ H	*
L0608	CELC005-2R5J7	CHOKE COIL		*
D I O D E				
D0101	MA3051(M)-X	ZENER DIODE		
D0301	MA3130(H)-X	CHIP ZENER DIODE		
D0304-05	MA3130(H)-X	CHIP ZENER DIODE		
D0401-02	MA3130(H)-X	CHIP ZENER DIODE		
D0403	MA3100(L)-X	CHIP ZENER DIODE		
D0601	RD8.2E(B2)-T2	ZENER DIODE		
T R A N S I S T O R				
Q0101-02	2SC2712(YG)-X	SI. TRANSISTOR		*
Q0103-04	DTC323TK-X	DIGI. TRANSISTOR		*
Q0105	2SA1162(YG)-X	SI. TRANSISTOR		*
Q0201	2SC2712(YG)-X	SI. TRANSISTOR		*
Q0202	2SA1162(YG)-X	SI. TRANSISTOR		*
Q0203-04	DTC323TK-X	DIGI. TRANSISTOR		*
Q0401-03	2SC2712(YG)-X	SI. TRANSISTOR		*
Q0503	2SC2712(YG)-X	SI. TRANSISTOR		*
I C				
IC0401	TEA6416	I.C. (MONO-ANA)		*
IC0601	MSP3410B-PP-F7	I.C. (DIGI-OTHER)		*
IC0602	BA4558F-X	I C		
O T H E R S				
EF0601-02	CE42142-103Z	EMI FILTER		*
J0001-02	CE40529-009J1	21 PIN SOCKET		*
X0601	CE42546-001Z	CRYSTAL		*

AV-29TS2EN

PACKING



PACKING PARTS LIST

Symbol No.	Part No.	Part Name	Description	Local
1	RM-C795-1E	REMOCON UNIT		*
2	AEM1002-E37-E	PACKING CASE		*
3	CP11411-A0A-E	CUSHION ASSY	4pcs in 1set	*
4	AEM3021-001-E	POLY BAG		*
△ 5	CQ40317-001-E	INST BOOK	For GBR/GER/FRA/NED/ITA/ESP	*
△ 6	CQ40318-001-E	INST BOOK	For FIN/NOR/DEN/SWE/POR	*
7	BT-20066A-E	ADDRESS CARD	(1295)	*
8	29TS2EN-HSAE	S.DIAGRAM	(Only ITALY)	
9	BT-54008-1E	WARRANTY CARD		*
10	CP40193-009-E	CUSHION SHEET		*
11	CP40193-010-E	CUSHION SHEET		*
12	AEM1004-006-E	SET COVER		*
13	AEM1038-042-E	EURO LABEL		
14	CM22966-006-E	DEC.SHEET		*
15	CEX41168-001	CABLE WIRE		*
16	LCT0065-001A-U	WARNING SHEET		*

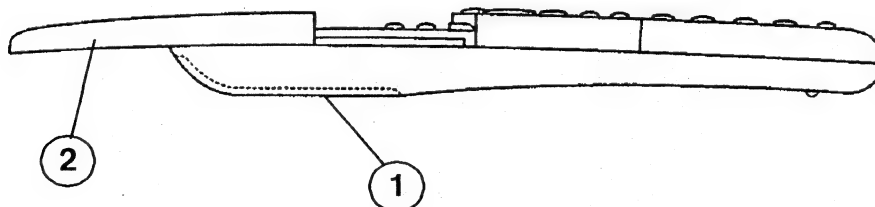
AV-29TS2EK

EXPLODED VIEW PARTS LIST

△ Ref.No.	Part No.	Part Name	Description	Local
△ V01	A68ESF002X011	PICTURE TUBE(ITC)		*
△ L01	CELD020-004J7	DEGAUSSING COIL		*
△ T1551	CETH019-00AJ1	H.V.TRANSF.	(SERVICE)	
△ 1	CM12798-002-E	REAR COVER		*
2	GBSA4016N	TAPPING SCREW	(× 10)	*
3	CM12933-A01-E	CHASSIS BASE		*
4	CM12784-003-E	AV TERMINAL BASE		*
5	CM12912-A01-E	CONTROL BASE		*
6	CHFB125-12BD	FFC WIRE		*
7	CEBSS12D-04KJ2	SPEAKER	SP01,SP02	*
8	CHGB0010-BF	BRAIDED WIRE		*
9	CHGB0011-0B-FE	SUB BRAIDED WIRE		*
△ 10	AEEMP003-185A	POWER CORD		*
△ 11	CM47016-001-H	CORD CLAMP		*
△ 12	CM22875-012-E	RATING LABEL		*
100	CM12909-A0A-E	FRONT CABI ASSY	Inc.No.101~110	*
101	CM12911-B01-E	SPEAKER PANEL	(× 2)	
102	CM36561-001	POWER KNOB		
103	CM35110-003	SPRING		
104	CM23120-A01-E	CONTROL WINDOW		
105	CM48006-A03-H	JVC MARK		
106	CM23119-A01-E	DOOR		
107	CM48001-00A	DOOR LATCH		
108	CM36562-002-E	CONTROL SHEET		
109	CM36246-001-H	E.E.WINDOW		
110	CM36247-A01-H	REMOCON WINDOW		

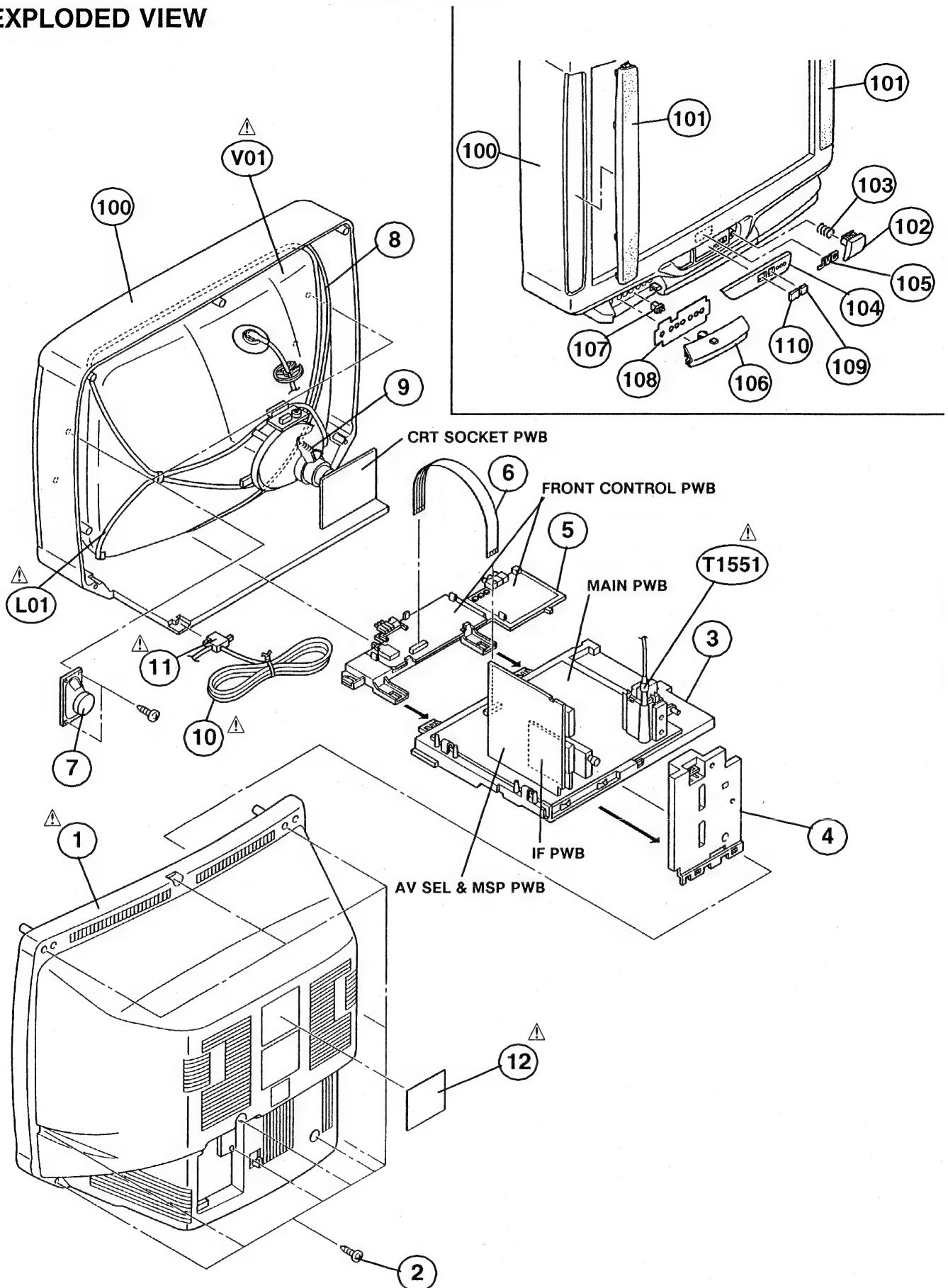
REMOTE CONTROL UNIT

△ Symbol No.	Part No.	Part Name	Description	Local
1	BGV110201A	BATTERY COVER		
2	BGV110302A	SLIDE COVER		



AV-29TS2EK

EXPLODED VIEW



AV-29TS2EK

AV-29TS2EK

PRINTED WIRING BOARD ASS'Y PARTS LIST

MAIN PW BOARD ASS'Y [SJE-1901A-U2]

△ Symbol No.	Part No.	Part Name	Description	Local
R E S I S T O R				
R1001	QRD12CJ-474SX	C R	470k Ω 1/2W J	*
R1417	QRG019J-101S	OM R	100 Ω 1W J	*
△ R1466	QRD14CJ-2R2SX	C R	2.2 Ω 1/4W J	*
R1483	QRG039J-330A	OM R	33 Ω 3W J	*
R1510	QRG029J-182	OM R	1.8k Ω 2W J	*
R1511	QRG029J-222	OM R	2.2k Ω 2W J	*
R1522	QRG029J-103	OM R	10k Ω 2W J	*
R1524	QRF074K-3R3	UNF R	3.3 Ω 7W K	*
△ R1585	QRV141F-2941AY	MF R	2.94k Ω 1/4W F	*
△ R1586	QRV141F-1582AY	MF R	15.8k Ω 1/4W F	*
R1714	QRB065J-472	NETW.R	4.7k Ω 6W J	*
R1901	QRF104K-3R9	UNF R	3.9 Ω 10W K	*
R1904	QRG039J-333	OM R	33k Ω 3W J	*
R1905	QRG039J-473	OM R	47k Ω 3W J	*
R1906	QRM059J-R27	MP R	0.27 Ω 5W J	*
R1951	QRF074J-102	UNF R	1k Ω 7W J	*
R1954	QRG019J-120S	OM R	12 Ω 1W J	*
R1955	QRG029J-180	OM R	18 Ω 2W J	*
R1958	QRG029J-473A	OM R	47k Ω 2W J	*
R1962	QRG019J-121S	OM R	120 Ω 1W J	*
R1967	QRG029J-223	OM R	22k Ω 2W J	*
△ R1991	QRZ0057-825	C R	8.2M Ω 1W J	*
C A P A C I T O R				
C1001	QETN1HM-226Z	E CAP.	22 μF 50V M	*
C1003	QETN1CM-108Z	E CAP.	1000 μF 16V M	*
C1004	QETN1HM-106Z	E CAP.	10 μF 50V M	*
C1005	QCZ0120-104MZ	C CAP.	0.1 μF 25V Z	*
C1006	QETN1CM-107Z	E CAP.	100 μF 16V M	*
C1007-08	QCZ0120-104MZ	C CAP.	0.1 μF 25V Z	*
C1102	QCZ0120-104MZ	C CAP.	0.1 μF 25V Z	*
C1103	QETN1HM-105Z	E CAP.	1 μF 50V M	*
C1104	QFLC1HJ-223MZ	M CAP.	0.022 μF 50V J	*
C1105	QETN1HM-475Z	E CAP.	4.7 μF 50V M	*
C1109	QETN1CM-108Z	E CAP.	1000 μF 16V M	*
C1110	QCT25CH-120Z	C CAP.	12 pF 50V J	*
C1111	QETN1CM-107Z	E CAP.	100 μF 16V M	*
C1113-15	QFLC1HJ-104MZ	M CAP.	0.1 μF 50V J	*
C1116	QETN1HM-225Z	E CAP.	2.2 μF 50V M	*
C1117	QFLC1HJ-103MZ	M CAP.	0.01 μF 50V J	*
C1118-20	QETN1HM-105Z	E CAP.	1 μF 50V M	*
C1121	QETN1HM-475Z	E CAP.	4.7 μF 50V M	*
C1122	QETN1CM-107Z	E CAP.	100 μF 16V M	*
C1124	QETN1HM-106Z	E CAP.	10 μF 50V M	*
C1125	QETN1HM-105Z	E CAP.	1 μF 50V M	*
C1126	QETN1CM-107Z	E CAP.	100 μF 16V M	*
C1401	QETN1HM-105Z	E CAP.	1 μF 50V M	*
C1402	QFLC1HJ-152MZ	M CAP.	1500 pF 50V J	*
C1403	QETB1VM-108	E CAP.	1000 μF 35V M	*
C1404	QETN1VM-107Z	E CAP.	100 μF 35V M	*
C1405	QETN1CM-107Z	E CAP.	100 μF 16V M	*
C1407-08	QFLC1HJ-104MZ	M CAP.	0.1 μF 50V J	*
C1409	QFLC2AJ-393MZ	M CAP.	0.039 μF 100V J	*
C1410	QFLC2AJ-563MZ	M CAP.	0.056 μF 100V J	*
C1414	QFLC1HJ-152MZ	M CAP.	1500 pF 50V J	*
C1415	QETN1HM-106Z	E CAP.	10 μF 50V M	*
C1417	QFV71HJ-154MZ	TF CAP.	0.15 μF 50V J	*
C1462	QFP31HG-333S	PP CAP.	0.033 μF 50V G	*
C1463	QEM61EK-225MZ	E CAP.	2.2 μF 25V K	*
C1464	QFV71HJ-184MZ	TF CAP.	0.18 μF 50V J	*
C1465	QFV71HJ-823MZ	TF CAP.	0.082 μF 50V J	*

AV-29TS2EK

△ Symbol No.	Part No.	Part Name	Description	Local
CAPACITOR				
C1466	QETN1CM-108Z	E CAP.	1000 μ F 16V M	*
C1467	QFLC1HJ-104MZ	M CAP.	0.1 μ F 50V J	*
C1468-69	QFLC1HJ-103MZ	M CAP.	0.01 μ F 50V J	*
C1470	QEM61HK-475MZ	E CAP.	4.7 μ F 50V K	*
C1501	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C1507	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C1510	QEHC2CM-105MZ	E CAP.	1 μ F 160V M	*
△ C1521	QFZ0117-4001L	MPP CAP.	4000 p F 1.5kVH \pm 2.5%	*
△ C1522	QFZ0117-9501L	MPP CAP.	9500 p F 1.5kVH \pm 2.5%	*
△ C1523	QFP32GJ-223M	PP CAP.	0.022 μ F 400V J	*
C1524	QFZ0194-364	MPP CAP.	0.36 μ F 250V J	*
△ C1525	QFZ0119-684S	MPP CAP.	0.68 μ F 200V \pm 3%	*
C1526	QEHC2EM-475MZ	E CAP.	4.7 μ F 250V M	*
C1528	QETM2CM-227	E CAP.	220 μ F 160V M	*
△ C1531	QFZ0119-154S	MPP CAP.	0.15 μ F 200V \pm 3%	*
C1553	QEHC1EM-108MZ	E CAP.	1000 μ F 25V M	*
C1554	QETN1EM-108Z	E CAP.	1000 μ F 25V M	*
C1555	QETN2EM-106Z	E CAP.	10 μ F 250V M	*
C1556	QFV71HJ-104MZ	TF CAP.	0.1 μ F 50V J	*
C1561	QFLC1HJ-103MZ	M CAP.	0.01 μ F 50V J	*
C1581	QETN1AM-227Z	E CAP.	220 μ F 10V M	*
C1582	QETN2AM-106Z	E CAP.	10 μ F 100V M	*
C1601	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1602-03	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C1604	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1605-08	QFV71HJ-224MZ	TF CAP.	0.22 μ F 50V J	*
C1610	QETN1CM-228Z	E CAP.	2200 μ F 16V Z	*
C1612	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C1615	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1702	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1703	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C1704	QETN1AM-227Z	E CAP.	220 μ F 10V M	*
C1705	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1706-07	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C1709	QCT25CH-680Z	C CAP.	68 p F 50V J	*
C1711	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1712	QETN1AM-107Z	E CAP.	100 μ F 10V M	*
C1715	QFLC1HJ-333MZ	M CAP.	0.033 μ F 50V J	*
C1716	QFLC1HJ-104MZ	M CAP.	0.1 μ F 50V J	*
C1718	QCT25CH-560Z	C CAP.	56 p F 50V J	*
C1721	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1807	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C1809	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C1811	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C1812	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C1813	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C1815	QFLC1HJ-104MZ	M CAP.	0.1 μ F 50V J	*
C1816	QETN1HM-226Z	E CAP.	22 μ F 50V M	*
C1818	QFLC1HJ-223MZ	M CAP.	0.022 μ F 50V J	*
C1820-21	QCT25CH-150Z	C CAP.	15 p F 50V J	*
C1822	QFV71HJ-104MZ	TF CAP.	0.1 μ F 50V J	*
C1824	QFLC1HJ-102MZ	M CAP.	1000 p F 50V J	*
C1826	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1827	QETN0JM-227Z	E CAP.	220 μ F 6.3V M	*
C1828	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1829	QFLC1HJ-104MZ	M CAP.	0.1 μ F 50V J	*
△ C1902	QCZ9034-472A	C CAP.	4700 p FAC400V P	*
△ C1903	QCZ9034-472A	C CAP.	4700 p FAC400V P	*
△ C1904	QCZ9034-472A	C CAP.	4700 p FAC400V P	*
C1905	QEZ0167-227M	E CAP.	220 μ F 385V M	*
C1908	QCZ0122-151A	C CAP.	150 p F 2000V K	*
C1910	QCZ0122-221A	C CAP.	220 p F 2000V K	*
C1911	QCZ0122-391A	C CAP.	390 p F 2000V K	*
C1915	QETN1EM-107Z	E CAP.	100 μ F 25V M	*
C1917	QFLC1HJ-102MZ	M CAP.	1000 p F 50V J	*
C1918	QFLC1HJ-104MZ	M CAP.	0.1 μ F 50V J	*

AV-29TS2EK

△ Symbol No.	Part No.	Part Name	Description	Local
C A P A C I T O R				
C1920	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C1921	QFLC1HJ-102MZ	M CAP.	1000 p F 50V J	*
C1951	QCZ0122-221A	C CAP.	220 p F 2000V K	*
C1952-53	QCZ0132-102AZ	C CAP.	1000 p F 500V K	*
C1958	QEZ0203-227	E CAP.	220 μ F 160V M	
C1959	QEZ0125-228R	E CAP.	2200 μ F 25V M	
C1960	QEH1AM-477MZ	E CAP.	470 μ F 10V M	*
C1961	QETN1EM-108Z	E CAP.	1000 μ F 25V M	*
C1962	QEH1VM-108M	E CAP.	1000 μ F 35V M	*
C1963	QEN61CM-106Z	BP E CAP.	10 μ F 16V M	*
C1964-66	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1967	QEH1AM-227MZ	E CAP.	220 μ F 10V M	*
C1968-69	QETN1CM-227Z	E CAP.	220 μ F 16V M	*
C1971-72	QFV71HJ-104MZ	TF CAP.	0.1 μ F 50V J	*
△ C1992	QCZ9041-471A	C CAP.	470 p FAC400V K	*
△ C1993	QCZ9041-332A	C CAP.	3300 p FAC400V M	*
T R A N S F O R M E R				
T1501	CE42034-002	H.DRIVE TRANSF.		*
T1521	CE42549-001J1	BRIGE COIL		*
△ T1901	CETS083-001J7	SW TRANSF.		*
C O I L				
L1001	CELP026-270Z	PEAKING COIL	27 μ H	*
L1002-04	CELP026-8R2Z	PEAKING COIL	8.2 μ H	*
L1101-02	CELP026-4R7Z	PEAKING COIL	4.7 μ H	*
L1461	CE42567-001J1	INJECTION COIL		*
L1521	CELL011-002J1	LINEARITY COIL		*
L1551	CELC901-086J6	HEATER CHOKE		*
L1701	CELP026-8R2Z	PEAKING COIL	8.2 μ H	*
L1702	CELP026-4R7Z	PEAKING COIL	4.7 μ H	*
L1801	CELP026-3R3Z	PEAKING COIL	3.3 μ H	*
L1802	CELP026-4R7Z	PEAKING COIL	4.7 μ H	*
L1901	CELC005-2R5J7	CHOKE COIL		*
L1951	CELC901-046J6	HEATER CHOKE		*
D I O D E				
D1101	1SS133-T2	SI.DIODE		*
D1402	1N4003-T2	SI.DIODE		*
D1404	MTZJ9.1(C)-T2	ZENER DIODE		*
D1405	1SS133-T2	SI.DIODE		*
D1406	MTZJ22(B)-T2	ZENER DIODE		*
D1407	1SS133-T2	SI.DIODE		*
D1461	MTZJ3.9(B)-T2	ZENER DIODE		*
D1462	MTZJ12(C)-T2	ZENER DIODE		*
D1465-66	MTZJ22(C)-T2	ZENER DIODE		*
D1521	BY228-20	SI.DIODE		*
D1522	BYW95B-20	SI.DIODE		*
D1523	BYD33G-T3	SI.DIODE		*
D1551-52	BYW95B-20	SI.DIODE		*
D1553-54	BYD33G-T3	SI.DIODE		*
D1555	BYD33D-T3	SI.DIODE		*
D1561	MTZJ9.1(B)-T2	ZENER DIODE		*
D1582	MA4068(N)C1-T2	ZENER DIODE		*
D1583	BYD33D-T3	SI.DIODE		*
D1601-02	MTZJ33(A)-T2	ZENER DIODE		*
D1603-07	1SS133-T2	SI.DIODE		*
D1701-02	MA700-T2	SI.DIODE		*
D1703	MTZJ3.6(A)-T2	ZENER DIODE		*
D1708-09	1SS133-T2	SI.DIODE		*
D1711	1SS133-T2	SI.DIODE		*
D1801-02	1SS133-T2	SI.DIODE		*
△ D1901	D3SBA60	DIODE BRIDGE		*
D1902	BYD33M-T3	SI.DIODE		*
D1904	BYD33D-T3	SI.DIODE		*
D1951	RU4B-C1	SI.DIODE		*
D1952	BYD33M-T3	SI.DIODE		*
D1953	BYD33G-T3	SI.DIODE		*

AV-29TS2EK

△ Symbol No.	Part No.	Part Name	Description	Local
D I O D E				
D1954	BYD33D-T3	SI.DIODE		*
D1955-56	BYW95B-20	SI.DIODE		*
D1957	1SS146-T2	SI.DIODE		*
D1958	MTZJ7.5(B)-T2	ZENER DIODE		*
D1960	MCR22-6	S C R		*
D1961	MTZJ15(B)-T2	ZENER DIODE		*
D1962	BYD33D-T3	SI.DIODE		*
D1963	MTZJ33(B)-T2	ZENER DIODE		*
D1964	MTZJ5.1(B)-T2	ZENER DIODE		*
D1980-82	1SS133-T2	SI.DIODE		*
T R A N S I S T O R				
Q1101	2PA1015(YG)-T	SI.TRANSISTOR		*
Q1461-65	2PC1815(YG)-T	SI.TRANSISTOR		*
Q1466	2SD1408(OY)-LB	SI.TRANSISTOR		*
Q1467	2PC1815(YG)-T	SI.TRANSISTOR		*
Q1501	BSN274	F.E.T.		*
△ Q1521	BU2508AX	POWER TRANSISTOR	H.OUT	*
Q1531	IRF620	F.E.T.		*
Q1532	DTC124ES-T	DIGI. TRANSISTOR		*
Q1573	2PC1815(YG)-T	SI.TRANSISTOR		*
Q1601	2PC1815(YG)-T	SI.TRANSISTOR		*
Q1602	2PA1015(YG)-T	SI.TRANSISTOR		*
Q1701-02	2PC1815(YG)-T	SI.TRANSISTOR		*
Q1801	2PA1015(YG)-T	SI.TRANSISTOR		*
Q1802	DTC124ES-T	DIGI. TRANSISTOR		*
Q1806-07	2PC1815(YG)-T	SI.TRANSISTOR		*
Q1901	MTA4N60E	F.E.T.		*
Q1951	2PC1815(YG)-T	SI.TRANSISTOR		*
Q1952	2SC2240(GB)-T	SI.TRANSISTOR		*
Q1953	DTC124ES-T	DIGI. TRANSISTOR		*
I C				
IC1101	TB1227AN	I C		*
IC1401	LA7845N	I C		*
IC1461	TA8859CP	I C		*
IC1531	TLP621(B)	I.C.(PH.COUPLER)		*
IC1601	TDA7263M	I C		*
IC1701	M37204MC-C40SP	I C		*
IC1702	L78LR05E-MA	I.C.(MONO-ANA)		*
IC1703	AT24C1625TS2EK	I.C.	(SERVICE)	*
IC1802	TC4053BP	I.C.(DIGI-MOS)		*
IC1804	CF70206	I.C.(DIGI-MOS)		*
IC1805	CF72417	I.C.(DIGI-MOS)		*
IC1901	MC44604P	I C		*
△ IC1902	TLP721F(D4-GR)	I.C.(PH.COUPLER)		*
IC1951	AN7812F	I.C.(MONO-ANA)		*
IC1952	AN7809F	I.C.(MONO-ANA)		*
IC1953	KIA7805PI	I.C.(MONO-ANA)		*
IC1954	SE135N	I.C.(HYBRID)		*
O T H E R S				
	CM48279-001-E	SHIELD PLATE		*
CN1006	CHC108N-25T-AE	FFC CONNECTOR		*
△ CP1952	ICP-N50-Y	I.C.PROTECT		*
△ CP1953	ICP-N50-Y	I.C.PROTECT		*
△ FR1551	QRZ0054-4R7M	F R	4.7 Ω 1/4W J	*
△ FR1552	QRH017J-1R0M	F R	1 Ω 1W J	*
△ FR1553	QRH017J-1R0M	F R	1 Ω 1W J	*
△ FR1954	QRH017K-R82M	F R	0.82 Ω 1W K	*
K1001	CE41433-001Z	BEADS CORE		*
K1002-04	CE41433-001	BEADS CORE		*
K1101	CE41433-001Z	BEADS CORE		*
K1401	CE41433-001Z	BEADS CORE		*
K1902	CE42050-001Z	CORE		*
TU1001	CEEK380-B01	TUNER		*

AV-29TS2EK

△ Symbol No.	Part No.	Part Name	Description	Local
O T H E R S				
W1259	CELP026-8R2Z	PEAKING COIL	8.2 μ H	*
W1318	CELP026-8R2Z	PEAKING COIL	8.2 μ H	*
X1101	QAX0305-001Z	X TAL		
X1701	CST8.00MTW	CER.RESONATOR		*
X1801	CE41257-001Z	CRYSTAL		*

CRT SOCKET PW BOARD ASS'Y [SJE-3001A-U2]

△ Symbol No.	Part No.	Part Name	Description	Local
R E S I S T O R				
R3113	QRG029J-153A	OM R	15k Ω 2W J	*
R3114	QRG029J-183A	OM R	18k Ω 2W J	*
R3115-16	QRG029J-153A	OM R	15k Ω 2W J	*
R3117	QRG029J-183A	OM R	18k Ω 2W J	*
R3118-20	QRZ0107-102Z	C R	1k Ω 1/2W K	*
R3124	QRG029J-183A	OM R	18k Ω 2W J	*
R3131	QRZ0107-474Z	C R	470k Ω 1/2W K	*
C A P A C I T O R				
C3101-02	NCT03CH-271AY	CHIP CAP.	270 p F 50V J	*
C3103	NCB21HK-331AY	CHIP CAP.	330 p F 50V K	*
C3104	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C3105	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C3106	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F 25V Z	*
C3113	QCZ0121-102A	C CAP.	1000 p F 3000V Z	*
C3121	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C3123	QETM2EM-336	E CAP.	33 μ F 250V M	*
C O I L				
L3101-03	CELP026-181Z	PEAKING COIL	180 μ H	*
D I O D E				
D3121	DAN202K-X	DIODE ARRAY		
D3123	MA3068(M)-X	ZENER DIODE		
D3124-26	DAN202K-X	DIODE ARRAY		
T R A N S I S T O R				
Q3101-03	2PC1815(YG)-T	SI.TRANSISTOR		*
Q3104-06	2SC4544-C1	SI.TRANSISTOR		*
Q3153	2PC1815(YG)-T	SI.TRANSISTOR		*
Q3154	2SA1162(YG)-X	SI.TRANSISTOR		*
O T H E R S				
△ SK3001	CE42535-001J1	C.R.T.SOCKET		*

AV-29TS2EK

FRONT CONTROL PW BOARD ASS'Y [SJE-8001A-U2]

△ Symbol No.	Part No.	Part Name	Description	Local
CAPACITOR				
C8001-02	NCB21HK-222AY	CHIP CAP.	2200 p F 50V K	*
C8003	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C8004	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F 25V Z	*
C8005	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C8006-07	QEU51VM-108M	E CAP.	1000 μ F 35V M	*
C8010-11	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
△ C8901	QFZ9040-474N	MF CAP.	0.47 μ FAC275V M	*
△ C8904	QFZ9040-473N	MM CAP.	0.047 μ FAC275V M	*
COIL				
L8001	CE41832-001	LEAD CORE		*
L8002-03	CELP017-5R6Y	PEAKING COIL	5.6 μ H	*
L8004-05	CE41832-001	LEAD CORE		*
L8010-11	CELP017-270Y	PEAKING COIL	27 μ H	*
L8012	CE41832-001	LEAD CORE		*
L8901-02	CELC055-100	CHOKE COIL		*
DIODE				
D8007	P1201	C.D.S.		*
D8008	DAN202K-X	DIODE ARRAY		*
D8009	SLR-342MG3F	L.E.D.(GRN)		*
D8010	SPR-39MVWF	L.E.D.		*
D8012	SLR-342DU3F	L.E.D.(ORG)		*
D8013	MA3068(M)-X	ZENER DIODE		*
D8015	DAN202K-X	DIODE ARRAY		*
TRANSISTOR				
Q8001	2SC2712(YG)-X	SI.TRANSISTOR		*
Q8002-03	DTA144TKA-X	DIGI.TRANSISTOR		*
IC				
IC8001	TFMS5380ESN	IFR DETECT UNIT		*
OTHERS				
CN8006	CM36156-A01-E	L.E.D.HOLDER		*
	CHC108N-25T-AE	FFC CONNECTOR		*
△ F8901	QMF51D2-3R15J1	FUSE	3.15A	*
J8001	QMS3004-C01	HEADPHONE JACK		*
J8002	CEMN011-001	JACK		*
J8003	CEMN011-002	JACK		*
J8004	CEMN011-003	JACK		*
△ LF8901	CE42144-001J2	LINE FILTER		*
S8001	QSP1A11-C18Z	PUSH SWITCH	INSTALL	*
S8002	QSP1A11-C18Z	PUSH SWITCH	▽ (DOWN)	*
S8003	QSP1A11-C18Z	PUSH SWITCH	△ (UP)	*
△ S8901	QSP4K21-C01	PUSH SWITCH	MAIN POWER	*
△ TH8901	CEKP010-001J2	W.P.THERMISTOR		*

AV-29TS2EK

IF PW BOARD ASS'Y [SJE0F901A-U2]

△ Symbol No.	Part No.	Part Name	Description	Local
CAPACITOR				
C0030	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0040	NCT03CH-102AY	CHIP CAP.	1000 p F 50V J	*
C0041	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C0042	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0043	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C0044-45	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0047	QETN1CM-227Z	E CAP.	220 μ F 16V M	*
C0050	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C0054	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0055	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C0056	QETN1HM-474Z	E CAP.	0.47 μ F 50V M	*
C0057	NCT03CH-102AY	CHIP CAP.	1000 p F 50V J	*
C0058	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0062	QETN1HM-474Z	E CAP.	0.47 μ F 50V M	*
C0064	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0065	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C0069-70	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0071	QETN1AM-107Z	E CAP.	100 μ F 10V M	*
C0080-81	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0101	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C0104	NCT03CH-221AY	CHIP CAP.	220 p F 50V J	*
C0140	QETN1HM-335Z	E CAP.	3.3 μ F 50V M	*
C0141	NCB21HK-332AY	CHIP CAP.	3300 p F 50V K	*
C0142	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C0143	QETN1HM-474Z	E CAP.	0.47 μ F 50V M	*
C0144	QETN1HM-335Z	E CAP.	3.3 μ F 50V M	*
C0145	NCB21HK-222AY	CHIP CAP.	2200 p F 50V K	*
TRANSFORMER				
T0050	CELT001-303	C.WAVE TRANSF.		*
COIL				
L0030	CE41131-2R2Y	CHIP INDUCTOR		*
L0040	CE41131-4R7Y	CHIP INDUCTOR		*
L0070	CE41131-5R6Y	INDUCTOR		*
L0103	CE41131-8R2Y	CHIP INDUCTOR		*
L0104	CE41131-4R7Y	CHIP INDUCTOR		*
TRANSISTOR				
Q0080	2SC2712(YG)-X	SI.TRANSISTOR		*
Q0101	2SC2712(YG)-X	SI.TRANSISTOR		*
Q0107	2SA1162(YG)-X	SI.TRANSISTOR		*
Q0109-10	2SC2712(YG)-X	SI.TRANSISTOR		*
I C				
IC0010	TA8865BN	I.C.(MONO-ANA)		
OTHERS				
CF0100	TPSH6.0MB	CERAMIC FILTER		*
CF0140	CSB503F30-T2	CER.RESONATOR		*
SF0010	QAX0315-001	SAW FILTER		*
SF0012	CE41031-301	SAW FILTER		*

AV-29TS2EK

AV SEL & MSP PW BOARD ASS'Y [SJE0S901A-U2]

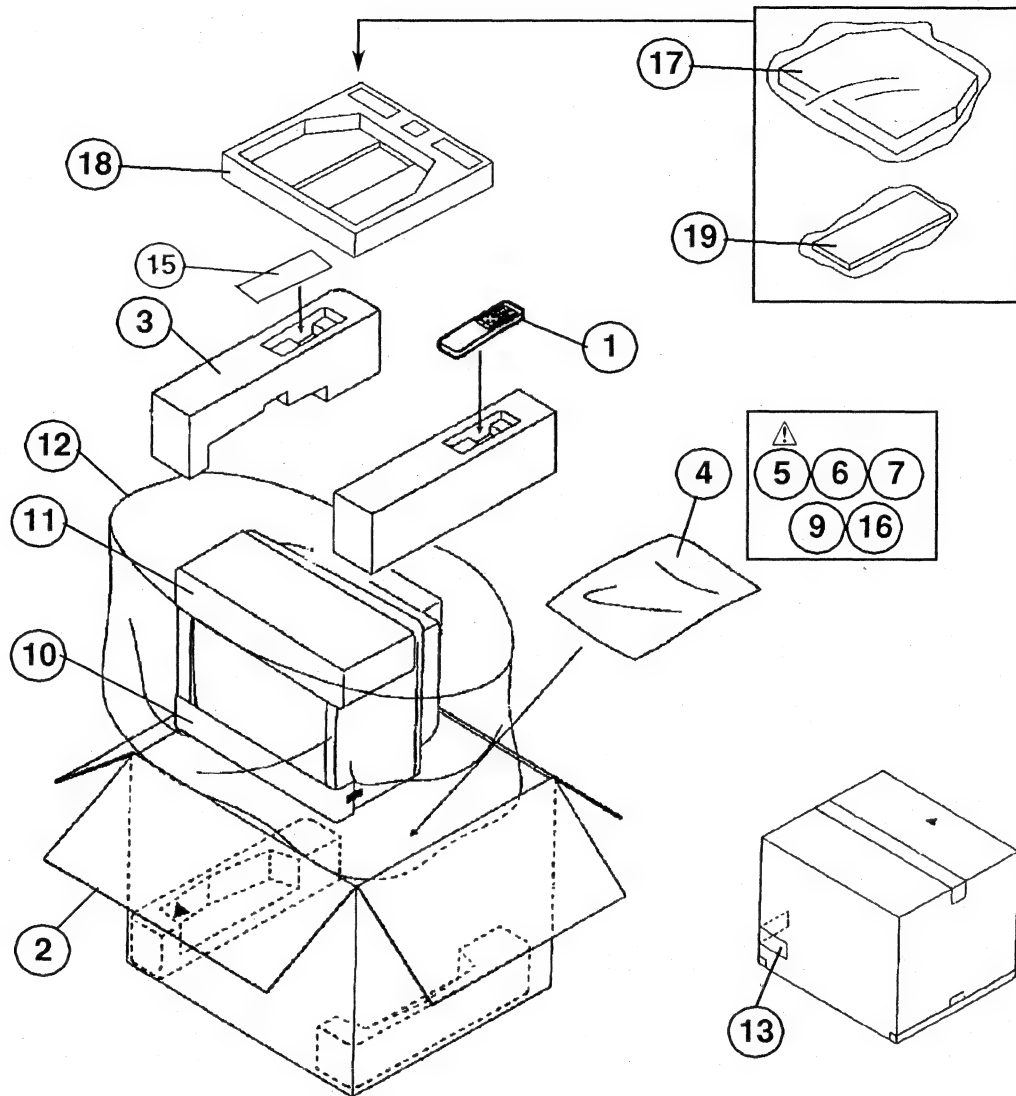
△ Symbol No.	Part No.	Part Name	Description	Local
R E S I S T O R				
R0104	QRG019J-101S	OM R	100 Ω 1W J	*
R0206	QRG019J-101S	OM R	100 Ω 1W J	*
△ R0403	QRZ0054-470M	F R	47 Ω 1/4W J	*
R0621	QRG019J-181S	OM R	180 Ω 1W J	*
C A P A C I T O R				
C0101	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0102	QETN1CM-477Z	E CAP.	470 μ F 16V M	*
C0103	QETN1CM-227Z	E CAP.	220 μ F 16V M	*
C0104	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C0105-08	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0111	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0113	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0115-16	QEN61HM-105Z	BP E CAP.	1 μ F 50V M	*
C0117-18	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0201	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0202	QFLC1HJ-103MZ	M CAP.	0.01 μ F 50V J	*
C0203-04	QETN1CM-477Z	E CAP.	470 μ F 16V M	*
C0206	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C0207-08	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C0211	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0213	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0215-16	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C0217-18	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0219	NCT03CH-220AY	CHIP CAP.	22 p F 50V J	*
C0301	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C0304-05	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C0401	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C0402	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F 25V Z	*
C0403	QEN61CM-106Z	BP E CAP.	10 μ F 16V M	*
C0404	QETN1CM-477Z	E CAP.	470 μ F 16V M	*
C0405	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F 25V Z	*
C0406-07	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0521	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C0522	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0523	NCT03CH-820AY	CHIP CAP.	82 p F 50V J	*
C0524-25	NCT03CH-470AY	CHIP CAP.	47 p F 50V J	*
C0526	NCT03CH-180AY	CHIP CAP.	18 p F 50V J	*
C0601-02	QCT25CH-2R0Z	C CAP.	2 p F 50V J	*
C0603-04	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0605-06	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0607-08	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F 25V Z	*
C0609	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F 25V Z	*
C0610	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C0611-12	NCT03CH-471AY	CHIP CAP.	470 p F 50V J	*
C0613	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F 25V Z	*
C0614	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0616	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F 25V Z	*
C0617-18	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0619-22	NCB21HK-102AY	CHIP CAP.	1000 p F 50V K	*
C0623	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0625-26	NCB21HK-102AY	CHIP CAP.	1000 p F 50V K	*
C0627-28	NCT03CH-391AY	CHIP CAP.	390 p F 50V J	*
C0629-30	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0631-32	NCB21HK-152AY	CHIP CAP.	1500 p F 50V K	*
C0633-34	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0635-36	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C0637	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C0641	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C0644	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0651	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C0652-53	QETN1HM-106Z	E CAP.	10 μ F 50V M	*

AV-29TS2EK

△ Symbol No.	Part No.	Part Name	Description	Local
C O I L				
L0101-04	CELP017-5R6Y	PEAKING COIL	5.6 μ H	*
L0105	CE41832-001	LEAD CORE		*
L0201-04	CELP017-5R6Y	PEAKING COIL	5.6 μ H	*
L0205	CE41832-001	LEAD CORE		*
L0504	CELP027-180Z	PEAKING COIL	18 μ H	*
L0505	CELP027-220Z	PEAKING COIL	22 μ H	*
L0606	CELC005-2R5J7	CHOKE COIL		*
L0607	CELP026-100Z	PEAKING COIL	10 μ H	*
L0608	CELC005-2R5J7	CHOKE COIL		*
D I O D E				
D0101	MA3051(M)-X	ZENER DIODE		
D0301	MA3130(H)-X	CHIP ZENER DIODE		
D0304-05	MA3130(H)-X	CHIP ZENER DIODE		
D0401-02	MA3130(H)-X	CHIP ZENER DIODE		
D0403	MA3100(L)-X	CHIP ZENER DIODE		
D0601	RD8.2E(B2)-T2	ZENER DIODE		
T R A N S I S T O R				
Q0101-02	2SC2712(YG)-X	SI. TRANSISTOR		*
Q0103-04	DTC323TK-X	DIGI. TRANSISTOR		*
Q0105	2SA1162(YG)-X	SI. TRANSISTOR		*
Q0201	2SC2712(YG)-X	SI. TRANSISTOR		*
Q0202	2SA1162(YG)-X	SI. TRANSISTOR		*
Q0203-04	DTC323TK-X	DIGI. TRANSISTOR		*
Q0401-03	2SC2712(YG)-X	SI. TRANSISTOR		*
Q0503	2SC2712(YG)-X	SI. TRANSISTOR		*
I C				
IC0401	TEA6416	I.C. (MONO-ANA)		*
IC0601	MSP3410B-PP-F7	I.C. (DIGI-OTHER)		*
IC0602	BA4558F-X	I C		
O T H E R S				
EF0601-02	CE42142-103Z	EMI FILTER		
J0001-02	CE40529-009J1	21 PIN SOCKET		*
X0601	CE42546-001Z	CRYSTAL		*

AV-29TS2EK

PACKING



PACKING PARTS LIST

△ Symbol No.	Part No.	Part Name	Description	Local
1	RM-C794-1E	REMOCON UNIT		*
2	AEM1002-048-E	PACKING CASE		*
3	CP11411-B0A-E	CUSHION ASSY	4pcs in 1set	*
4	AEM3021-001-E	POLY BAG		*
△ 5	CQ40319-001-E	INST. BOOK		*
6	CQ40320-001-E	SET-UP GUIDE		*
7	BT-20066A-E	ADDRESS CARD	(1295)	*
9	BT-54008-1E	WARRANTY CARD		*
10	CP40193-009-E	CUSHION SHEET		*
11	CP40193-010-E	CUSHION SHEET		*
12	AEM1004-006-E	SET COVER		*
13	AEM1038-041-E	EURO LABEL		*
15	CEX41168-001	CABLE WIRE		*
16	LCT0065-001A-U	WARNING SHEET		*
17	RK-GS30	TV STAND		*
18	AEM1033-004-E	TOP TRAY		*
19	AEM3080-001-E	TOP PANEL		*

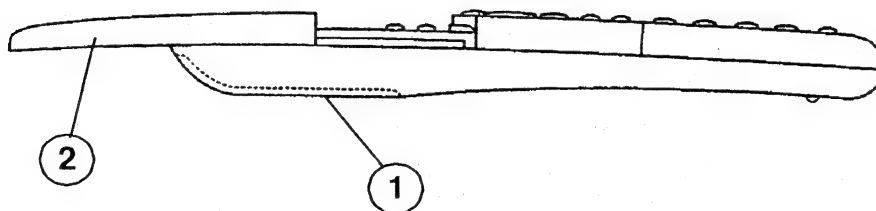
AV-29TS2PF

EXPLODED VIEW PARTS LIST

△ Ref.No.	Part No.	Part Name	Description	Local
△ V01	A68ESF002X011	ITC TUBE(C)		*
△ L01	CELD020-004J7	DEGAUSSING COIL		*
△ T1551	CETH019-00AJ1	H.V.TRANSF.	(SERVICE)	
△ 1	CM12798-002-E	REAR COVER		*
2	GBSA4016N	TAPPING SCREW	(× 10)	*
3	CM12933-A01-E	CHASSIS BASE		*
4	CM12784-003-E	AV TERMINAL BASE		*
5	CM12912-A01-E	CONTROL BASE		*
6	CHFB125-12BD	FFC WIRE		*
7	CEBSS12D-04KJ2	SPEAKER	SP01,SP02	*
8	CHGB0010-BF	BRAIDED WIRE		*
9	CHGB0011-0B-FE	SUB BRAIDED WIRE		*
△ 10	AEEMP001-185	POWER CORD		*
△ 11	CM47016-001-H	CORD CLAMP		*
△ 12	CM23159-001-E	RATING LABEL		*
100	CM12909-A0A-E	FRONT CABI ASSY	Inc.No.101~110	*
101	CM12911-B01-E	SPEAKER PANEL	(× 2)	
102	CM36561-001	POWER KNOB		
103	CM35110-003	SPRING		
104	CM23120-A01-E	CONTROL WINDOW		
105	CM48006-A03-H	JVC MARK		
106	CM23119-A01-E	DOOR		
107	CM48001-00A	DOOR LATCH		
108	CM36562-002-E	CONTROL SHEET		
109	CM36246-001-H	E.E.WINDOW		
110	CM36247-A01-H	REMOCON WINDOW		

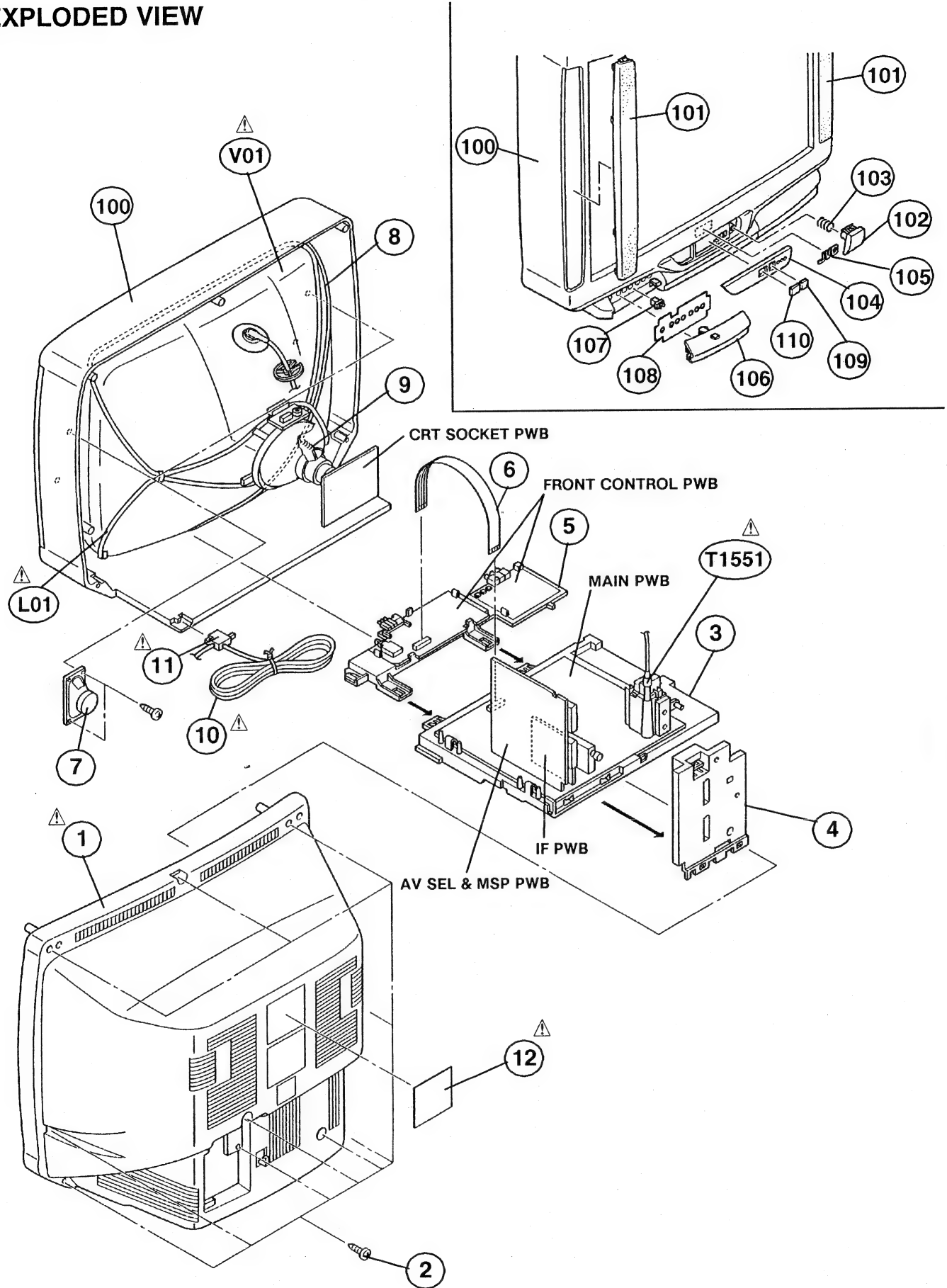
REMOTE CONTROL UNIT

△ Symbol No.	Part No.	Part Name	Description	Local
1	BGV110201A	BATTERY COVER		
2	BGV110303A	SLIDE COVER		



AV-29TS2PF

EXPLODED VIEW



AV-29TS2PF

AV-29TS2PF

PRINTED WIRING BOARD ASS'Y PARTS LIST

MAIN PW BOARD ASS'Y [SJE-1704A-U2]

△ Symbol No.	Part No.	Part Name	Description	Local
R E S I S T O R				
	R1001	QRD12CJ-474SX	C R 470k Ω 1/2W J	*
	R1417	QRG019J-101S	OM R 100 Ω 1W J	*
△	R1466	QRD14CJ-2R2SX	C R 2.2 Ω 1/4W J	*
	R1474	QRV141F-2491AY	MF R 2.49k Ω 1/4W F	*
	R1483	QRG039J-330A	OM R 33 Ω 3W J	*
	R1510	QRG029J-182	OM R 1.8k Ω 2W J	*
	R1511	QRG029J-222	OM R 2.2k Ω 2W J	*
	R1522	QRG029J-103	OM R 10k Ω 2W J	*
	R1524	QRF074K-3R3	UNF R 3.3 Ω 7W K	*
△	R1585	QRV141F-2941AY	MF R 2.94k Ω 1/4W F	*
△	R1586	QRV141F-1582AY	MF R 15.8k Ω 1/4W F	*
	R1714	QRB065J-472	NETW.R 4.7k Ω 6W J	*
	R1901	QRF104K-3R9	UNF R 3.9 Ω 10W K	*
	R1904	QRG039J-333	OM R 33k Ω 3W J	*
	R1905	QRG039J-473	OM R 47k Ω 3W J	*
	R1906	QRM059J-R27	MP R 0.27 Ω 5W J	*
	R1951	QRF074J-102	UNF R 1k Ω 7W J	*
	R1954	QRG019J-120S	OM R 12 Ω 1W J	*
	R1955	QRG029J-180	OM R 18 Ω 2W J	*
	R1958	QRG029J-473A	OM R 47k Ω 2W J	*
	R1962	QRG019J-121S	OM R 120 Ω 1W J	*
	R1967	QRG029J-223	OM R 22k Ω 2W J	*
△	R1991	QRZ0057-825	C R 8.2M Ω 1W J	*
C A P A C I T O R				
	C1001	QETN1HM-106Z	E CAP. 10 μ F 50V M	*
	C1003	QETN1CM-108Z	E CAP. 1000 μ F 16V M	*
	C1004	QETN1HM-106Z	E CAP. 10 μ F 50V M	*
	C1005	QCZ0120-104MZ	C CAP. 0.1 μ F 25V Z	*
	C1006	QETN1CM-107Z	E CAP. 100 μ F 16V M	*
	C1007-08	QCZ0120-104MZ	C CAP. 0.1 μ F 25V Z	*
	C1102	QCZ0120-104MZ	C CAP. 0.1 μ F 25V Z	*
	C1103	QFLC1HJ-104MZ	M CAP. 0.1 μ F 50V J	*
	C1104	QFLC1HJ-823MZ	M CAP. 0.082 μ F 50V J	*
	C1105	QETN1HM-475Z	E CAP. 4.7 μ F 50V M	*
	C1109	QETN1CM-108Z	E CAP. 1000 μ F 16V M	*
	C1110	QCT25CH-120Z	C CAP. 12 p F 50V J	*
	C1111	QETN1HM-106Z	E CAP. 10 μ F 50V M	*
	C1113-15	QFLC1HJ-104MZ	M CAP. 0.1 μ F 50V J	*
	C1116	QETN1HM-225Z	E CAP. 2.2 μ F 50V M	*
	C1117	QFLC1HJ-103MZ	M CAP. 0.01 μ F 50V J	*
	C1118-20	QETN1HM-105Z	E CAP. 1 μ F 50V M	*
	C1121	QETN1HM-475Z	E CAP. 4.7 μ F 50V M	*
	C1122	QETN1CM-107Z	E CAP. 100 μ F 16V M	*
	C1124	QETN1HM-106Z	E CAP. 10 μ F 50V M	*
	C1125	QETN1HM-105Z	E CAP. 1 μ F 50V M	*
	C1126	QETN1CM-476Z	E CAP. 47 μ F 16V M	*
	C1128	QCT25CH-390Z	C CAP. 39 p F 50V J	*
	C1401	QETN1HM-105Z	E CAP. 1 μ F 50V M	*
	C1402	QFLC1HJ-152MZ	M CAP. 1500 p F 50V J	*
	C1403	QETB1VM-108	E CAP. 1000 μ F 35V M	*
	C1404	QETN1VM-107Z	E CAP. 100 μ F 35V M	*
	C1405	QETN1CM-107Z	E CAP. 100 μ F 16V M	*
	C1407-08	QFLC1HJ-104MZ	M CAP. 0.1 μ F 50V J	*
	C1409	QFLC2AJ-393MZ	M CAP. 0.039 μ F 100V J	*
	C1410	QFLC2AJ-563MZ	M CAP. 0.056 μ F 100V J	*
	C1414	QFLC1HJ-152MZ	M CAP. 1500 p F 50V J	*
	C1415	QETN1HM-106Z	E CAP. 10 μ F 50V M	*
	C1417	QFV71HJ-154MZ	TF CAP. 0.15 μ F 50V J	*
	C1462	QFP31HG-333S	PP CAP. 0.033 μ F 50V G	*
	C1463	QEM61EK-225MZ	E CAP. 2.2 μ F 25V K	*

AV-29TS2PF

△ Symbol No.	Part No.	Part Name	Description	Local
C A P A C I T O R				
C1464	QFV71HJ-184MZ	TF CAP.	0.18 μ F 50V J	*
C1465	QFV71HJ-823MZ	TF CAP.	0.082 μ F 50V J	*
C1466	QETN1CM-108Z	E CAP.	1000 μ F 16V M	*
C1467	QFLC1HJ-104MZ	M CAP.	0.1 μ F 50V J	*
C1468-69	QFLC1HJ-103MZ	M CAP.	0.01 μ F 50V J	*
C1470	QEM61HK-475MZ	E CAP.	4.7 μ F 50V K	*
C1501	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C1507	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C1510	QEHC2CM-105MZ	E CAP.	1 μ F 160V M	*
△ C1521	QFZ0117-4001L	MPP CAP.	4000 p F 1.5kVH \pm 2.5%	*
△ C1522	QFZ0117-9501L	MPP CAP.	9500 p F 1.5kVH \pm 2.5%	*
△ C1523	QFP32GJ-223M	PP CAP.	0.022 μ F 400V J	*
C1524	QFZ0194-364	MPP CAP.	0.36 μ F 250V J	*
△ C1525	QFZ0119-684S	MPP CAP.	0.68 μ F 200V \pm 3%	*
C1526	QEHC2EM-475MZ	E CAP.	4.7 μ F 250V M	*
C1528	QETM2CM-227	E CAP.	220 μ F 160V M	*
△ C1531	QFZ0119-154S	MPP CAP.	0.15 μ F 200V \pm 3%	*
C1553	QEHC1EM-108MZ	E CAP.	1000 μ F 25V M	*
C1554	QETN1EM-108Z	E CAP.	1000 μ F 25V M	*
C1555	QETN2EM-106Z	E CAP.	10 μ F 250V M	*
C1556	QFV71HJ-104MZ	TF CAP.	0.1 μ F 50V J	*
C1561	QFLC1HJ-103MZ	M CAP.	0.01 μ F 50V J	*
C1581	QETN1AM-227Z	E CAP.	220 μ F 10V M	*
C1582	QETN2AM-106Z	E CAP.	10 μ F 100V M	*
C1601	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1602-03	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C1604	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1605-08	QFV71HJ-224MZ	TF CAP.	0.22 μ F 50V J	*
C1610	QETN1CM-228Z	E CAP.	2200 μ F 16V Z	*
C1612	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C1615	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1616	QETN1CM-227Z	E CAP.	220 μ F 16V M	*
C1702	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1703	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C1704	QETN1AM-227Z	E CAP.	220 μ F 10V M	*
C1705	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1706-07	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C1709	QCT25CH-680Z	C CAP.	68 p F 50V J	*
C1711	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1712	QETN1AM-107Z	E CAP.	100 μ F 10V M	*
C1715	QFLC1HJ-333MZ	M CAP.	0.033 μ F 50V J	*
C1716	QFLC1HJ-104MZ	M CAP.	0.1 μ F 50V J	*
C1718	QCT25CH-560Z	C CAP.	56 p F 50V J	*
C1721	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1807	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C1809	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C1811	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C1812	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C1813	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C1815	QFLC1HJ-104MZ	M CAP.	0.1 μ F 50V J	*
C1816	QETN1HM-226Z	E CAP.	22 μ F 50V M	*
C1818	QFLC1HJ-223MZ	M CAP.	0.022 μ F 50V J	*
C1820-21	QCT25CH-150Z	C CAP.	15 p F 50V J	*
C1822	QFV71HJ-104MZ	TF CAP.	0.1 μ F 50V J	*
C1824	QFLC1HJ-102MZ	M CAP.	1000 p F 50V J	*
C1826	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1827	QETN0JM-227Z	E CAP.	220 μ F 6.3V M	*
C1828	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1829	QFLC1HJ-104MZ	M CAP.	0.1 μ F 50V J	*
△ C1902	QCZ9034-472A	C CAP.	4700 p FAC400V P	*
△ C1903	QCZ9034-472A	C CAP.	4700 p FAC400V P	*
△ C1904	QCZ9034-472A	C CAP.	4700 p FAC400V P	*
C1905	QEZ0167-227M	E CAP.	220 μ F 385V M	*
C1908	QCZ0122-151A	C CAP.	150 p F 2000V K	*
C1910	QCZ0122-221A	C CAP.	220 p F 2000V K	*
C1911	QCZ0122-391A	C CAP.	390 p F 2000V K	*

AV-29TS2PF

△ Symbol No.	Part No.	Part Name	Description	Local
C A P A C I T O R				
C1915	QETN1EM-107Z	E CAP.	100 μ F 25V M	*
C1917	QFLC1HJ-102MZ	M CAP.	1000 p F 50V J	*
C1918	QFLC1HJ-104MZ	M CAP.	0.1 μ F 50V J	*
C1920	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C1921	QFLC1HJ-102MZ	M CAP.	1000 p F 50V J	*
C1951	QCZ0122-221A	C CAP.	220 p F 2000V K	*
C1952-53	QCZ0132-102AZ	C CAP.	1000 p F 500V K	*
C1958	QEZO203-227	E CAP.	220 μ F 160V M	
C1959	QEZO125-228R	E CAP.	2200 μ F 25V M	
C1960	QEHC1AM-477MZ	E CAP.	470 μ F 10V M	*
C1961	QETN1EM-108Z	E CAP.	1000 μ F 25V M	*
C1962	QEHB1VM-108M	E CAP.	1000 μ F 35V M	*
C1963	QFV71HJ-224MZ	TF CAP.	0.22 μ F 50V J	*
C1964-66	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C1967	QEHC1AM-227MZ	E CAP.	220 μ F 10V M	*
C1968-69	QETN1CM-227Z	E CAP.	220 μ F 16V M	*
C1971-72	QFV71HJ-104MZ	TF CAP.	0.1 μ F 50V J	*
C1975	QFV71HJ-224MZ	TF CAP.	0.22 μ F 50V J	*
△ C1992	QCZ9041-471A	C CAP.	470 p FAC400V K	*
△ C1993	QCZ9041-332A	C CAP.	3300 p FAC400V M	*
T R A N S F O R M E R				
T1501	CE42034-002	H.DRIVE TRANSF.		*
T1521	CE42549-001J1	BRIGE COIL		*
△ T1901	CETS083-001J7	SW TRANSF.		*
C O I L				
L1001	CELP026-270Z	PEAKING COIL	27 μ H	*
L1002	CE41433-001Z	BEADS CORE		*
L1003-04	CELP026-8R2Z	PEAKING COIL	8.2 μ H	*
L1101	CELP026-221Z	PEAKING COIL	220 μ H	*
L1102	CELP026-4R7Z	PEAKING COIL	4.7 μ H	*
L1103	CELP026-330Z	PEAKING COIL	33 μ H	*
L1461	CE42567-001J1	INJECTION COIL		*
L1521	CELL011-002J1	LINEARITY COIL		*
L1551	CELC901-086J6	HEATER CHOKE		*
L1701	CELP026-8R2Z	PEAKING COIL	8.2 μ H	*
L1702	CELP026-221Z	PEAKING COIL	220 μ H	*
L1801	CELP026-3R3Z	PEAKING COIL	3.3 μ H	*
L1802	CELP026-4R7Z	PEAKING COIL	4.7 μ H	*
L1901	CELC005-2R5J7	CHOKE COIL		*
L1951	CELC901-046J6	HEATER CHOKE		*
L1952	CELP026-8R2Z	PEAKING COIL	8.2 μ H	*
D I O D E				
D1101	1SS133-T2	SI.DIODE		*
D1402	1N4003-T2	SI.DIODE		*
D1404	MTZJ9.1(C)-T2	ZENER DIODE		*
D1405	1SS133-T2	SI.DIODE		*
D1406	MTZJ22(B)-T2	ZENER DIODE		*
D1407	1SS133-T2	SI.DIODE		*
D1461	MTZJ3.9(B)-T2	ZENER DIODE		*
D1462	MTZJ12(C)-T2	ZENER DIODE		*
D1465-66	MTZJ22(C)-T2	ZENER DIODE		*
D1521	BY228-20	SI.DIODE		*
D1522	BYW95B-20	SI.DIODE		*
D1523	BYD33G-T3	SI.DIODE		*
D1551-52	BYW95B-20	SI.DIODE		*
D1553-54	BYD33G-T3	SI.DIODE		*
D1555	BYD33D-T3	SI.DIODE		*
D1561	MTZJ9.1(B)-T2	ZENER DIODE		*
D1582	MA4068(N)C1-T2	ZENER DIODE		*
D1583	BYD33D-T3	SI.DIODE		*
D1601-02	MTZJ33(A)-T2	ZENER DIODE		*
D1603-04	1SS133-T2	SI.DIODE		*
D1605	1SS146-T2	SI.DIODE		*
D1606-07	1SS133-T2	SI.DIODE		*

AV-29TS2PF

△ Symbol No.	Part No.	Part Name	Description	Local
C A P A C I T O R				
D1701-02	MA700-T2	SI.DIODE		*
D1708-11	1SS133-T2	SI.DIODE		*
D1801-02	1SS133-T2	SI.DIODE		*
△ D1901	D3SBA60	DIODE BRIDGE		*
D1902	BYD33M-T3	SI.DIODE		*
D1904	BYD33D-T3	SI.DIODE		*
D1951	RU4B-C1	SI.DIODE		*
D1952	BYD33M-T3	SI.DIODE		*
D1953	BYD33G-T3	SI.DIODE		*
D1954	BYD33D-T3	SI.DIODE		*
D1955-56	BYW95B-20	SI.DIODE		*
D1957	1SS146-T2	SI.DIODE		*
D1958	MTZJ7.5(B)-T2	ZENER DIODE		*
D1960	MCR22-6	S C R		*
D1961	MTZJ15(B)-T2	ZENER DIODE		*
D1962	BYD33D-T3	SI.DIODE		*
D1963	MTZJ33(B)-T2	ZENER DIODE		*
D1964	MTZJ5.1(B)-T2	ZENER DIODE		*
D1965	MTZJ7.5(C)-T2	ZENER DIODE		*
D1980-82	1SS133-T2	SI.DIODE		*
T R A N S I S T O R				
Q1101	2PA1015(YG)-T	SI.TRANSISTOR		*
Q1103	DTC124ESA-T	DIGI.TRANSISTOR		*
Q1461-65	2PC1815(YG)-T	SI.TRANSISTOR		*
Q1466	2SD1408(OY)-LB	SI.TRANSISTOR		*
Q1467	2PC1815(YG)-T	SI.TRANSISTOR		*
Q1501	BSN274	F.E.T.		*
△ Q1521	BU2508AX	POWER TRANSISTOR	H.OUT	*
Q1531	IRF620	F.E.T.		*
Q1532	DTC124ES-T	DIGI.TRANSISTOR		*
Q1573	2PC1815(YG)-T	SI.TRANSISTOR		*
Q1601	2PC1815(YG)-T	SI.TRANSISTOR		*
Q1602	2PA1015(YG)-T	SI.TRANSISTOR		*
Q1603-04	DTC323TS-T	DIGI.TRANSISTOR		*
Q1605	2PA1015(YG)-T	SI.TRANSISTOR		*
Q1701-02	2PC1815(YG)-T	SI.TRANSISTOR		*
Q1801	2PA1015(YG)-T	SI.TRANSISTOR		*
Q1802	DTC124ES-T	DIGI.TRANSISTOR		*
Q1806-07	2PC1815(YG)-T	SI.TRANSISTOR		*
Q1901	MTA4N60E	F.E.T.		*
Q1951	2PC1815(YG)-T	SI.TRANSISTOR		*
Q1952	2SC2240(GB)-T	SI.TRANSISTOR		*
Q1953	DTC124ES-T	DIGI.TRANSISTOR		*
I C				
IC1101	TB1227AN	I C		*
IC1401	LA7845N	I C		*
IC1461	TA8859CP	I C		*
IC1531	TLP621(B)	I.C.(PH.COUPLER)		*
IC1601	TDA7263M	I C		*
IC1701	M37204MC-C40SP	I C		*
IC1702	L78LR05E-MA	I.C.(MONO-ANA)		*
IC1703	AT24C1625TS2PF	I.C.	(SERVICE)	*
IC1802	TC4053BP	I.C.(DIGI-MOS)		*
IC1804	CF70206	I.C.(DIGI-MOS)		*
IC1805	CF72417	I.C.(DIGI-MOS)		*
IC1901	MC44604P	I C		*
△ IC1902	TLP721F(D4-GR)	I.C.(PH.COUPLER)		*
IC1951	AN7812F	I.C.(MONO-ANA)		*
IC1952	AN7809F	I.C.(MONO-ANA)		*
IC1953	KIA7805PI	I.C.(MONO-ANA)		*
IC1954	SE135N	I.C.(HYBRID)		*

AV-29TS2PF

△ Symbol No.	Part No.	Part Name	Description	Local
O T H E R S				
	CM48279-001-E	SHIELD PLATE		*
CN1006	CHC108N-25T-AE	FFC CONNECTOR		*
△ CP1952	ICP-N50-Y	I.C.PROTECT		*
△ CP1953	ICP-N50-Y	I.C.PROTECT		*
△ FR1551	QRZ0054-4R7M	F R	4.7 Ω 1/4W J	*
△ FR1552	QRH017J-1R0M	F R	1 Ω 1W J	*
△ FR1553	QRH017J-1R0M	F R	1 Ω 1W J	*
△ FR1954	QRH017K-R82M	F R	0.82 Ω 1W K	*
K1001	CE41433-001Z	BEADS CORE		*
K1002-04	CE41433-001	BEADS CORE		*
K1401	CE41433-001Z	BEADS CORE		*
K1901-02	CE42050-001Z	CORE		*
K1951	CE42050-001Z	CORE		*
TU1001	CEEK481-B02	TUNER		*
W1259	CELP026-8R2Z	PEAKING COIL	8.2 μH	*
W1318	CELP026-8R2Z	PEAKING COIL	8.2 μH	*
X1101	QAX0305-001Z	X TAL		*
X1701	CST8.00MTW	CER.RESONATOR		*
X1801	CE41257-001Z	CRYSTAL		*

CRT SOCKET PW BOARD ASS'Y [SJE-3001A-U2]

△ Symbol No.	Part No.	Part Name	Description	Local
R E S I S T O R				
R3113-17	QRG029J-153A	OM R	15k Ω 2W J	*
R3118-20	QRZ0107-102Z	C R	1k Ω 1/2W K	*
R3124	QRG029J-153A	OM R	15k Ω 2W J	*
R3131	QRZ0107-474Z	C R	470k Ω 1/2W K	*
C A P A C I T O R				
C3101-02	NCT03CH-271AY	CHIP CAP.	270 p F 50V J	*
C3103	NCB21HK-331AY	CHIP CAP.	330 p F 50V K	*
C3104	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C3105	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C3106	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F 25V Z	*
C3113	QCZ0121-102A	C CAP.	1000 p F 3000V Z	*
C3121	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C3123	QETM2EM-336	E CAP.	33 μ F 250V M	*
C O I L				
L3101-03	CELP026-181Z	PEAKING COIL	180 μ H	*
D I O D E				
D3121	DAN202K-X	DIODE ARRAY		*
D3123	MA3068(M)-X	ZENER DIODE		*
D3124-26	DAN202K-X	DIODE ARRAY		*
T R A N S I S T O R				
Q3101-03	2PC1815(YG)-T	SI.TRANSISTOR		*
Q3104-06	2SC4544-C1	SI.TRANSISTOR		*
Q3153	2PC1815(YG)-T	SI.TRANSISTOR		*
Q3154	2SA1162(YG)-X	SI.TRANSISTOR		*
O T H E R S				
△ SK3001	CE42535-001J1	C.R.T.SOCKET		*

AV-29TS2PF

FRONT CONTROL PW BOARD ASS'Y [SJE-8001A-U2]

△ Symbol No.	Part No.	Part Name	Description	Local
CAPACITOR				
C8001-02	NCB21HK-222AY	CHIP CAP.	2200 p F 50V K	*
C8003	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C8004	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F 25V Z	*
C8005	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C8006-07	QEU51VM-108M	E CAP.	1000 μ F 35V M	*
C8010-11	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
△ C8901	QFZ9040-474N	MF CAP.	0.47 μ FAC275V M	*
△ C8904	QFZ9040-473N	MM CAP.	0.047 μ FAC275V M	*
COIL				
L8001	CE41832-001	LEAD CORE		*
L8002-03	CELP017-5R6Y	PEAKING COIL	5.6 μ H	*
L8004-05	CE41832-001	LEAD CORE		*
L8010-11	CELP017-270Y	PEAKING COIL	27 μ H	*
L8012	CE41832-001	LEAD CORE		*
L8901-02	CELC055-100	CHOKE COIL		*
DIODE				
D8007	P1201	C.D.S.		*
D8008	DAN202K-X	DIODE ARRAY		*
D8009	SLR-342MG3F	L.E.D.(GRN)		*
D8010	SPR-39MVWF	L.E.D.		*
D8012	SLR-342DU3F	L.E.D.(ORG)		*
D8013	MA3068(M)-X	ZENER DIODE		*
D8015	DAN202K-X	DIODE ARRAY		*
TRANSISTOR				
Q8001	2SC2712(YG)-X	SI.TRANSISTOR		*
Q8002-03	DTA144TKA-X	DIGI.TRANSISTOR		*
IC				
IC8001	TFMS5380ESN	IFR DETECT UNIT		*
OTHERS				
CN8006	CM36156-A01-E	L.E.D.HOLDER		*
△ F8901	CHC108N-25T-AE	FFC CONNECTOR		*
J8001	QMF51D2-3R15J1	FUSE	3.15A	*
J8002	QMS3004-C01	HEADPHONE JACK		*
J8003	CEMN011-001	JACK		*
J8004	CEMN011-002	JACK		*
J8004	CEMN011-003	JACK		*
△ LF8901	CE42144-001J2	LINE FILTER		*
S8001	QSP1A11-C18Z	PUSH SWITCH	INSTALL	*
S8002	QSP1A11-C18Z	PUSH SWITCH	▽ (DOWN)	*
S8003	QSP1A11-C18Z	PUSH SWITCH	△ (UP)	*
△ S8901	QSP4K21-C01	PUSH SWITCH	MAIN POWER	*
△ TH8901	CEKP010-001J2	W.P.THERMISTOR		*

AV-29TS2PF

IF PW BOARD ASS'Y [SJE0F701A-U2]

△ Symbol No.	Part No.	Part Name	Description	Local
R E S I S T O R				
△ R0609	QRZ0054-470M	F R	47 Ω 1/4W J	*
C A P A C I T O R				
C0020	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0022-25	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0026-27	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0030	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0040	NCT03CH-102AY	CHIP CAP.	1000 p F 50V J	*
C0041	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C0042	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0043	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C0044	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0046	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0047	QETN1CM-227Z	E CAP.	220 μ F 16V M	*
C0050	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C0051	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0052	QAT3110-100A	TRIM.CAPACITOR	10 p F 100V	
C0053	NCT03CH-5R0AY	CHIP CAP.	5 p F 50V J	*
C0054	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0055	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C0056	QETN1HM-474Z	E CAP.	0.47 μ F 50V M	*
C0057	NCT03CH-102AY	CHIP CAP.	1000 p F 50V J	*
C0058	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0059	QAT3110-100A	TRIM.CAPACITOR	10 p F 100V	
C0060	NCT03CH-120AY	CHIP CAP.	12 p F 50V J	*
C0061	NCT03CH-7R0AY	CHIP CAP.	7 p F 50V J	*
C0062	QETN1HM-474Z	E CAP.	0.47 μ F 50V M	*
C0063	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0064	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0065	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C0067	NCT03CH-120AY	CHIP CAP.	12 p F 50V J	*
C0069-70	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0071	QETN1HM-336Z	E CAP.	33 μ F 50V M	*
C0080-81	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0101	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C0102	NCT03CH-331AY	CHIP CAP.	330 p F 50V J	*
C0103	NCT03CH-470AY	CHIP CAP.	47 p F 50V J	*
C0104	NCT03CH-221AY	CHIP CAP.	220 p F 50V J	*
C0140	QETN1HM-335Z	E CAP.	3.3 μ F 50V M	*
C0141	NCB21HK-332AY	CHIP CAP.	3300 p F 50V K	*
C0142	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C0143	QFLC1HJ-683Z	M CAP.	0.068 μ F 50V J	*
C0144	QETN1HM-335Z	E CAP.	3.3 μ F 50V M	*
C0145	NCB21HK-222AY	CHIP CAP.	2200 p F 50V K	*
C0601	QFLC1HJ-183MZ	M CAP.	0.018 μ F 50V J	*
C0602	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C0603	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0604	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C0605	QETN1CM-477Z	E CAP.	470 μ F 16V M	*
C0606	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
T R A N S F O R M E R				
T0020	QQR0626-001	IF TRANSF.		*
T0050	CELT001-307	CW TRANSF.		*
T0051	CELT001-306	C.WAVE TRANSF.		*
C O I L				
L0020	CELP041-R47	PEAKING COIL	0.47 μ H	*
L0021	CE41131-1R5Y	CHIP INDUCTOR		*
L0030	CE41131-2R2Y	CHIP INDUCTOR		*
L0040	CE41131-4R7Y	CHIP INDUCTOR		*
L0050-53	CE41131-8R2Y	CHIP INDUCTOR		*
L0070	CE41131-5R6Y	INDUCTOR		*
L0101	CE41131-6R8Y	CHIP INDUCTOR		*

AV-29TS2PF

△ Symbol No.	Part No.	Part Name	Description	Local
C O I L				
L0102	CE41131-220Y	INDUCTOR		*
L0103	CE41131-100Y	INDUCTOR		*
L0104	CE41131-5R6Y	INDUCTOR		*
D I O D E				
D0021	1SS85-T5	SI.DIODE		
D0050-51	1SS85-T5	SI.DIODE		
T R A N S I S T O R				
Q0012	2SC5083(L-P)-T	SI.TRANSISTOR		*
Q0080	2SC2712(YG)-X	SI.TRANSISTOR		*
Q0101	2SC2712(YG)-X	SI.TRANSISTOR		*
Q0102	2SA1162(YG)-X	SI.TRANSISTOR		*
Q0103	DTC144EK-X	DIGI.TRANSISTOR		*
Q0104	2SC2712(YG)-X	SI.TRANSISTOR		*
Q0106	2SC2712(YG)-X	SI.TRANSISTOR		*
Q0107	2SA1162(YG)-X	SI.TRANSISTOR		*
Q0108	DTC144EK-X	DIGI.TRANSISTOR		*
Q0109-10	2SC2712(YG)-X	SI.TRANSISTOR		*
Q0120-26	DTC144EK-X	DIGI.TRANSISTOR		*
Q0601-02	2SC2712(YG)-X	SI.TRANSISTOR		*
I C				
IC0010	TA8865BN	I.C.(MONO-ANA)		
O T H E R S				
CF0100	TPS5.5MW	CERAMIC FILTER		*
CF0140	CSB503F30-T2	CER.RESONATOR		*
SF0010	QAX0316-001	SAW FILTER		*
SF0011	CE42574-702	SAW FILTER		
SF0012	CE42606-701	SAW FILTER		

AV SEL & MSP PW BOARD ASS'Y [SJE0S701A-U2]

△ Symbol No.	Part No.	Part Name	Description	Local
R E S I S T O R				
R0104	QRG019J-101S	OM R	100 Ω 1W J	*
R0206	QRG019J-101S	OM R	100 Ω 1W J	*
△ R0403	QRZ0054-470M	F R	47 Ω 1/4W J	*
R0621	QRG019J-181S	OM R	180 Ω 1W J	*
C A P A C I T O R				
C0101	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0102	QETN1CM-477Z	E CAP.	470 μ F 16V M	*
C0103	QETN1CM-227Z	E CAP.	220 μ F 16V M	*
C0104	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C0105-07	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0108	QEN61CM-106Z	BP E CAP.	10 μ F 16V M	*
C0111	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0113	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0115-16	QEN61HM-105Z	BP E CAP.	1 μ F 50V M	*
C0117-18	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0201	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0202	QFLC1HJ-103MZ	M CAP.	0.01 μ F 50V J	*
C0203-04	QETN1CM-477Z	E CAP.	470 μ F 16V M	*
C0206	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C0207-08	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C0211	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0213	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0215-16	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C0217-18	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0219	NCT03CH-220AY	CHIP CAP.	22 p F 50V J	*
C0301	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C0304-05	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C0401	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C0402	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F 25V Z	*

AV-29TS2PF

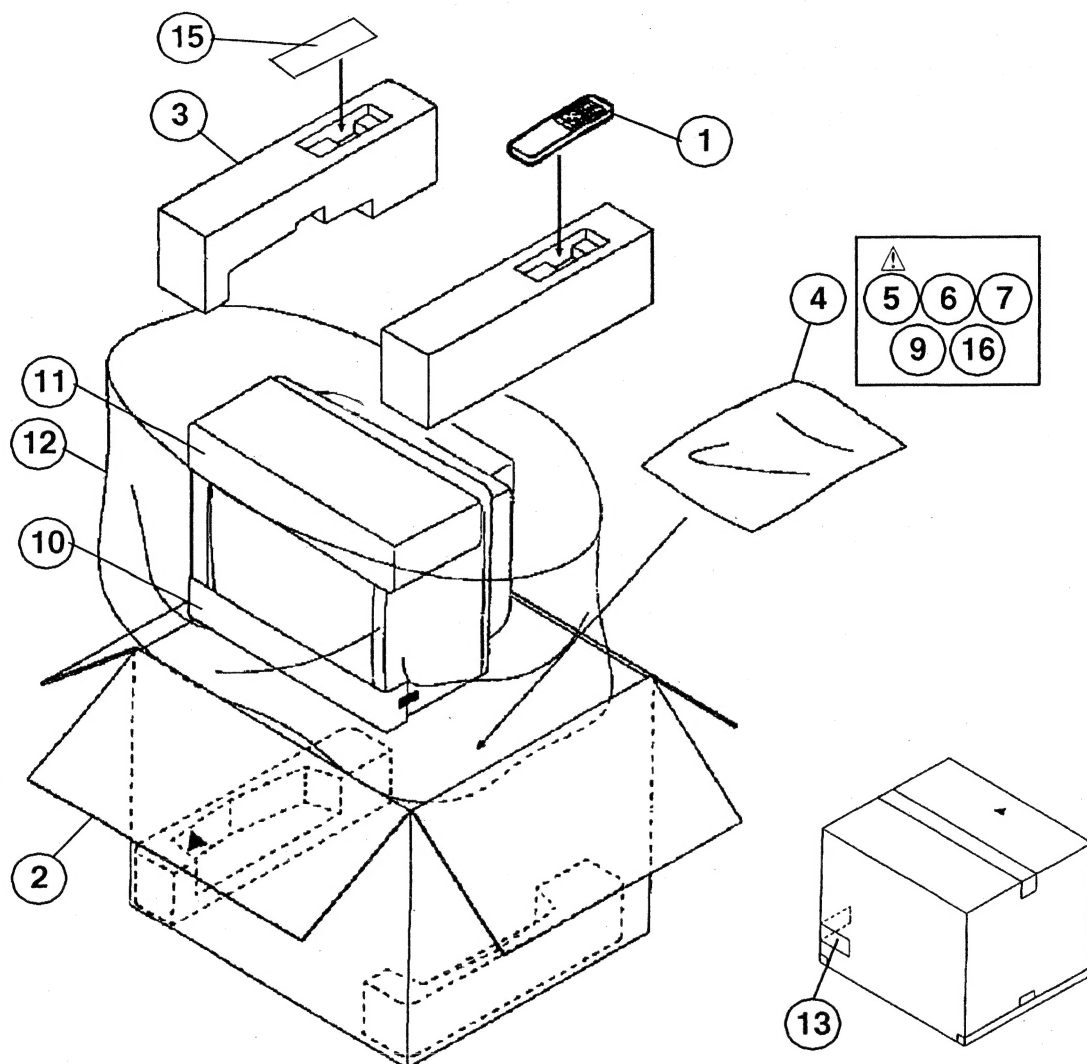
△ Symbol No.	Part No.	Part Name	Description	Local
C A P A C I T O R				
C0403	QEN61CM-106Z	BP E CAP.	10 μ F 16V M	*
C0404	QETN1CM-477Z	E CAP.	470 μ F 16V M	*
C0405	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F 25V Z	*
C0406-07	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0521	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C0522	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0523	NCT03CH-820AY	CHIP CAP.	82 p F 50V J	*
C0524	NCT03CH-470AY	CHIP CAP.	47 p F 50V J	*
C0526	NCT03CH-390AY	CHIP CAP.	39 p F 50V J	*
C0601-02	QCT25CH-2R0Z	C CAP.	2 p F 50V J	*
C0603-04	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0605-06	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0607-09	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F 25V Z	*
C0610	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C0611-12	NCT03CH-471AY	CHIP CAP.	470 p F 50V J	*
C0613	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F 25V Z	*
C0614	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0616	NCF21EZ-104AY	CER.CAPACITOR-M	0.1 μ F 25V Z	*
C0617-18	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0619-22	NCB21HK-102AY	CHIP CAP.	1000 p F 50V K	*
C0623	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0625-26	NCB21HK-102AY	CHIP CAP.	1000 p F 50V K	*
C0627-28	NCT03CH-391AY	CHIP CAP.	390 p F 50V J	*
C0629-30	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0631-32	NCB21HK-152AY	CHIP CAP.	1500 p F 50V K	*
C0633-34	NCB21HK-103AY	CHIP CAP.	0.01 μ F 50V K	*
C0635-36	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C0637	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C0641	QETN1CM-476Z	E CAP.	47 μ F 16V M	*
C0644	NCB21HK-472AY	CHIP CAP.	4700 p F 50V K	*
C0650	QETN1HM-105Z	E CAP.	1 μ F 50V M	*
C0651	QETN1CM-107Z	E CAP.	100 μ F 16V M	*
C0652-53	QEN61CM-106Z	BP E CAP.	10 μ F 16V M	*
C0691	QETN1HM-106Z	E CAP.	10 μ F 50V M	*
C0692	QCZ0120-104MZ	C CAP.	0.1 μ F 25V Z	*
C O I L				
L0101-04	CELP017-5R6Y	PEAKING COIL	5.6 μ H	*
L0105	CE41832-001	LEAD CORE		*
L0201-04	CELP017-5R6Y	PEAKING COIL	5.6 μ H	*
L0205	CE41832-001	LEAD CORE		*
L0504	CELP027-180Z	PEAKING COIL	18 μ H	*
L0505	CELP027-220Z	PEAKING COIL	22 μ H	*
L0606	CELC005-2R5J7	CHOKE COIL		*
L0607	CELP026-100Z	PEAKING COIL	10 μ H	*
L0608	CELC005-2R5J7	CHOKE COIL		*
D I O D E				
D0101	MA3051(M)-X	ZENER DIODE		*
D0301	MA3130(H)-X	CHIP ZENER DIODE		*
D0304-05	MA3130(H)-X	CHIP ZENER DIODE		*
D0401-02	MA3130(H)-X	CHIP ZENER DIODE		*
D0403	MA3100(L)-X	CHIP ZENER DIODE		*
D0601	RD8.2E(B2)-T2	ZENER DIODE		*
T R A N S I S T O R				
Q0101-02	2SC2712(YG)-X	SI.TRANSISTOR		*
Q0103-04	DTC323TK-X	DIGI.TRANSISTOR		*
Q0105	2SA1162(YG)-X	SI.TRANSISTOR		*
Q0201	2SC2712(YG)-X	SI.TRANSISTOR		*
Q0202	2SA1162(YG)-X	SI.TRANSISTOR		*
Q0203-04	DTC323TK-X	DIGI.TRANSISTOR		*
Q0401-03	2SC2712(YG)-X	SI.TRANSISTOR		*
Q0503	2SC2712(YG)-X	SI.TRANSISTOR		*
Q0602	2SA1162(YG)-X	SI.TRANSISTOR		*
Q0603	DTC323TK-X	DIGI.TRANSISTOR		*

AV-29TS2PF

△ Symbol No.	Part No.	Part Name	Description	Local
I C				
IC0401	TEA6416	I.C.(MONO-ANA)		*
IC0601	MSP3410B-PP-F7	I.C.(DIGI-OTHER)		*
IC0602	BA4558F-X	I C		
O T H E R S				
EF0601-02	CE42142-103Z	EMI FILTER		
J0001-02	CE40529-009J1	21 PIN SOCKET		*
X0601	CE42546-001Z	CRYSTAL		*

AV-29TS2PF

PACKING



PACKING PARTS LIST

△ Symbol No.	Part No.	Part Name	Description	Local
1	RM-C795-1E	REMOCON UNIT		*
2	AEM1002-E37-E	PACKING CASE		*
3	CP11411-B0A-E	CUSHION ASSY	4pcs in 1set	*
4	AEM3021-001-E	POLY BAG		*
△ 5	CQ40321-001-E	INST.BOOK		*
6	CQ40322-001-E	SET-UP GUIDE		*
7	BT-20116(192)E	ADDRESS CARD		*
9	BT-54008-1E	WARRANTY CARD		*
10	CP40193-009-E	CUSHION SHEET		*
11	CP40193-010-E	CUSHION SHEET		*
12	AEM1004-006-E	SET COVER		*
13	AEM1038-054-E	EURO LABEL		*
15	CEX41168-001	CABLE WIRE		*
16	LCT0065-001A-U	WARNING SHEET		*